

1215	Chatterjee, Bany Madhub ...	Assistant, Bengal Office, Judicial, Political and Appointment Departments.	Writers' Buildings	...	ditto	ditto
*1216	Chatterjee, Bany Madhub ...	Clerk, Accountant-General's Office, Public Works Department.	London's Buildings	...	ditto	ditto
1217	Chatterjee, Bhugobutty Churn.	Assistant, Office of Controller of Military Accounts, Bengal.	Military Account Department Buildings.	...	ditto	ditto
1218	Chatterjee, Bireswar ...	Additional Lecturer, Sanskrit College	College Square	...	ditto	ditto
1219	Chatterjee, Bunko Behary..	Clerk, Coulhard & Co	137, Canning Street	...	ditto	ditto
1220	Chatterjee, Chundy Churn...	Head Clerk, Meteorological Reporter's Office, Bengal.	5, Russell Street	...	ditto	ditto
*1221	Chatterjee, Dasu Kumar ...	Assistant, Department of Finance and Commerce.	Treasury Buildings	...	ditto	ditto
1222	Chatterjee, Debendronath ...	Inhabitant	Panchee Dhobanee's Gullie, Jorasanko.	...	ditto	ditto
1223	Chatterjee, Denonath ...	Assistant, Government Account Department, Bank of Bengal.	Strand	...	ditto	ditto
1224	Chatterjee, Denonath ...	Assistant, Office of Examiner of Ordnance Accounts.	Kolah Ghat Street	...	ditto	ditto
1225	Chatterjee, Doorga sunno.	Assistant, Bengal Office, Financial, Municipal and Accounts Departments	Writers' Buildings	...	ditto	ditto
1226	Chatterjee, Dwarlanath ...	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
1227	Chatterjee, Gobin Chunder	Assistant, Bengal Secretariat, Public Works Department.	Writers' Buildings	...	ditto	ditto
1228	Chatterjee, Gouesh Chunder	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
*1229	Chatterjee, Gopal Chunder	3rd class Assistant, Office of Accountant-General, Military Department.	6, Esplanade East	...	ditto	ditto
1230	Chatterjee, Gopal Chunder	Assistant, Wyman & Co	10, Hare Street	...	ditto	ditto
1231	Chatterjee, Gopal Chunder	Assistant, Anderson, Wright & Co	22, Strand	...	ditto	ditto
1232	Chatterjee, Gopal Chunder	Assistant, Audit Department, E I R	E I R House	...	ditto	ditto

No.	Names.	Style or Calling	Residence or Place of Business	Native Country.	Religion.	REMARKS.
C						
* 1233	Chatterjee, Gopal Lal	... Assistant, Bengal Office, Judicial, Political and Appointment Departments.	Writers' Buildings	India	Hindu	
1234	Chatterjee, Gungadhur	... Assistant Accountant, Municipal Office	4, Municipal Office Street	ditto	ditto	
1235	Chatterjee, Judugopal	... Inhabitant	44, Amherst Street	ditto	ditto	
1236	Chatterjee, J N	... Clerk, Office of Consulting Engineer to the Government of India for Guaranteed Railways.	E I R House	ditto	ditto	
1237	Chatterjee, Judoonath	... Clerk, Pay Examiner's Office	2, Kolah Ghât Street	ditto	ditto	
1238	Chatterjee, Judoonath	... Overseer, Executive Engineer's Office, 2nd Calcutta Division	Writers' Buildings	ditto	ditto	
1239	Chatterjee, Judoonath	... 4th grade Accountant, Office of Examiner, Public Works Accounts, Bengal.	8, Lyons Range	ditto	ditto	
1240	Chatterjee, Kalikissen	Head Writer, Medical College	College Street	ditto	ditto	
1241	Chatterjee, Kalinath	... 3rd class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Kolah Ghât	ditto	ditto	
1242	Chatterjee, Khetter Chunder	Assistant, Home Department	Government Place	ditto	ditto	
1243	Chatterjee, Khetter Chunder	Clerk, Comptroller-General's Office	Treasury	ditto	ditto	
1244	Chatterjee, Khetter Nath	Cashier, Eastern Kit Warehouse	5, Old Court House Street	ditto	ditto	
1245	Chatterjee, Khetter Nath	Executive Engineer, in charge of 2nd and 3rd Calcutta Divisions.	Writers' Buildings	ditto	ditto	
1246	Chatterjee, Krishna Chunder.	Head Assistant, Bengal Office, Municipal Department.	Ditto	ditto	ditto	
1247	Chatterjee, Madhub Chunder.	Assistant, Stenart & Co.	8, Old Court House Corner.	ditto	ditto	
1248	Chatterjee, Mohesh Chunder.	Assistant, Office of Controller of Military Accounts Bengal.	Military Accounts Department Building.	ditto	ditto	

1249	Chatterjee, Monmotho Nath	Assistant, Office of Examiner of Ordnance Accounts.	Koilah Ghat Street	...	ditto	ditto
*1250	Chatterjee, Nakur Chunder	Assistant, Finance and Commerce Department.	Treasury Buildings	..	ditto	ditto
1251	Chatterjee, Nibarun Chunder.	3rd grade Accountant, Office of Examiner of Public Work- Accounts, Bengal.	8, Lyons Range	...	ditto	ditto
1252	Chatterjee, Netie Chand	1st class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Koilah Ghat	..	ditto	ditto
1253	Chatterjee, Nundo Lal	Assistant, Board of Revenue	2, Bankshall Street	..	ditto	ditto
1254	Chatterjee, Okhoy Coomar	Assistant, Chartered Bank of India, &c.	5, Council House Street	..	ditto	ditto
1255	Chatterjee, Poorna Chunder	Inhabitant	Sooke's Street, Bar Simla	...	ditto	ditto
1256	Chatterjee, Prosunno Coomar.	Assistant Accountant, Chief Auditor's Office, East Indian Railway.	E I R House	...	ditto	ditto
1257	Chatterjee, Rajani Kanta	Professor, Albert College	15, College Square	...	ditto	ditto
1258	Chatterjee, Rajendra Nath	Professor, City College	13, Mirzapore Street	...	ditto	ditto
*1259	Chatterjee, Rakhal Dass	Assistant, Bengal Office, Judicial, Political and Appointment Depts.	Writers' Buildings	...	ditto	ditto
1260	Chatterjee, Romoni Mohun	Licence Officer, Municipal Office	4, Municipal Office Street	...	ditto	ditto
1261	Chatterjee, Russick Lall	1st class Clerk, Bengal Accountant-General's Office.	Treasury	..	ditto	ditto
1262	Chatterjee, Saroda Prosad	Inhabitant	Sooke's Street	...	ditto	ditto
1263	Chatterjee, Sreenath	Assistant, Board of Revenue	2, Bankshall Street	...	ditto	ditto
1264	Chatterjee, Surbosoob	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto	ditto
1265	Chatterjee, Tarakally	3rd grade Ballon Superintendent, Calcutta Mnt.	Stand	..	ditto	ditto
1266	Chatterjee, Womesh Chunder.	Professor, Free Church Institution	Nimtolah Street	...	ditto	Christian

No	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
1267	Chowdhry, Baney Lal	...	Clerk, firm of John Fowler & Co. 5, Mangoe Lane (Leeds), Limited.	India	Hindoo	
1268	Chowdhry, Gyan Chunder	...	Assistant, Bengal Office, Judicial, Writers' Buildings Political and Appointment Departments.	ditto	ditto	
1269	Chowdhry, H. C.	...	Assistant, Bird & Co. Strand Road	ditto	ditto	
1270	Chowdhry, Hemendro Lal...	...	Assistant, Bengal Office, General Writers' Buildings Department.	ditto	ditto	
1271	Chowdhry, Kally Krishna...	...	Assistant, Commercial Union Assurance Company, &c. 29, Dalhousie Square	ditto	ditto	
1272	Chowdhry, Mothooranath	...	Assistant, Bengal Secretariat, P. W. D. Writers' Buildings	ditto	ditto	
1273	Chowdhry, Prosono Coomar	...	Assistant, Office of Inspector-General of Registration ditto	ditto	ditto	
1274	Chowdhry, Ramanograh Pershad.	...	Firm of R. P. Chowdhry & Co. 4, Clive Street	ditto	ditto	
*1275	Chowdhry, Surjya Kumar	...	Assistant, Finance and Commerce Treasury Buildings Department.	ditto	ditto	
1276	Chowdhry, Troylucknath	...	Assistant, Board of Revenue 2, Bankshall Street	ditto	ditto	
1277	Chuckerbutty, Aghorenath	...	ditto ditto	ditto	ditto	
1278	Chuckerbutty, Bama Churn	...	Clerk, Correspondence Office, Survey of India Offices. 13, Wood Street	ditto	ditto	
1279	Chuckerbutty, Debendro-nath.	...	Assistant, Home Department Government Place	ditto	ditto	
1280	Chuckerbutty, Dwarkanath	...	Clerk, Office of Examiner, Pay Department. 2, Kollah Ghât Street	ditto	ditto	
1281	Chuckerbutty, I. C.	...	Accountant, Burn & Co. 7, Hastings' Street	ditto	ditto	
1282	Chuckerbutty, Kaliprasanno	...	Assistant, Home Department Government Place	ditto	ditto	
1283	Chuckerbutty, Nishakanta...	...	Assistant, Bengal Office, Financial, Municipal, and Accounts Depts. Writers' Buildings	ditto	ditto	

1284	Chuckerbutty, Preonath ...	Assistant, Bengal Office, General Department.	ditto	...	ditto	ditto
1285	Chuckerbutty, Sreesristo	Assistant, Office of Controller of Military Accounts, Bengal.	Military Account Department Building.	...	ditto	ditto
1286	Chuckerbutty, Woomesh Chunder.	Clerk, Begg, Dunlop & Co.	12, Mission Row	...	ditto	ditto
1287	Chunder, Bonomally	Assistant, Graham & Co.	9, Clive Street	...	ditto	ditto
1288	Chunder, Dwarka Nath	Assistant, Great Eastern Hotel Co, Ltd	Great Eastern Hotel Co, Ltd.	...	ditto	ditto
1289	Chunder, Kanaye Lall	Assistant, Geo. Henderson & Co	100, Clive Street	...	ditto	ditto
1290	Chunder, Kanye Lall	Inhabitant	Tuntunia	...	ditto	ditto
1291	Chunder, M C	Assistant, Kettlewell, Bullen & Co	5, Mission Row	...	ditto	ditto
1292	Chunder, Mohendronath	Surveyor and Engineer	Aheritollah	...	ditto	ditto
1293	Chunder, N L	Assistant, Legislative Department	Legislative Department Office.	...	ditto	Christian
1294	Chunder, Nundololl	Assistant, Finlay, Muir & Co.	21, Canning Street	...	ditto	Hindoo
1295	Chunder, O L	Librarian, Medical College	College Street	...	ditto	ditto
1296	Coomar, Ashootosh	Manager, Jail Depot, Office of Inspector-General of Jails.	Writers' Buildings	...	ditto	ditto
1297	Coomar, Baney Madhub	Head Clerk, License Department of the Justices.	Municipal Office	..	ditto	ditto
1298	Coomar, Nilmony	Assistant, Office of Controller of Military Accounts, Bengal.	Military Accounts Department Building.	...	ditto	ditto
1299	Coomar, Rajcoomar	Head Clerk, Manufacture Department, Office of Inspector-General of Jails.	Writers' Buildings	...	ditto	ditto
1300	Coondoo, Abinash Chandra	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
1301	Coondoo, Kalichurn	Assistant, Wyman & Co.	10, Hare Street	...	ditto	ditto
1302	Coondoo, Khetter Chunder...	Head Write, Office of Superintendent of Stamps and Stationery.	5, Church Lane	...	ditto	ditto

No.	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
C						
*1303	Coondoo, Preonath	... Assistant, Finance and Commerce Department.	Treasury Buildings	... India	Hindoo.	
D						
1304	Dadaji, Crustna	... 2nd class Clerk, Office of Examiner, Marine Accounts.	Koilah Ghat Street	... ditto	ditto	
1305	Daneary, Prosonno Coomar, Roy Sahib.	Executive Engineer, 4th grade (temporary rank), and Personal Assistant to Supdg. Engineer, Eastern Circle.	Writers' Buildings	... ditto	ditto	
1306	Dass, Anundo Chunder	... Accountant, Office of Examiner of Railway Accounts.	12, Gooroo Pershad Chowdhry's Lane, Bar Simla.	... ditto	ditto	
1307	Dass, Baikathanath	... Assistant, Bengal Office, Financial, Municipal and Accounts Depts.	Writers' Building	... ditto	ditto	
1308	Dass, Behary Lall	... Inhabitant	Kopaleetollah	... ditto	ditto	
1309	Dass, Benymadhub	... 3rd class Assistant, Office of Examiner, Commissariat and Remount Accounts.	Koilah Ghat	... ditto	ditto	
1310	Dass, Benode Behary	... Inhabitant	16, Sunker Ghose's Lane	... ditto	ditto	
1311	Dass, Chuni Lal	... Assistant, Board of Revenue	... 2, Bankshall Street	... ditto	ditto	
1312	Dass, Goberdhone	... Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	Koilah Ghat	... ditto	ditto	
1313	Dass, Gobinda Chandra	... Principal, Ripon College	60, Mirzapore Street	... ditto	ditto	
1314	Dass, Gopal Chunder	... Assistant, Home Department	Government Place	... ditto	ditto	
1315	Dass, Gopal Chunder	... Assistant, Office of Inspector-General of Police, Lower Provinces.	Writers' Buildings	... ditto	ditto	
1316	Dass, Gopal Chunder	... Clerk, Comptroller-General's Office	Treasury	... ditto	ditto	
1317	Dass, Girish Chunder	... Assistant, Office of Secretary to the Government of Bengal, Public Works Department.	Writers' Buildings	... ditto	ditto	

1318	Dass, Haren Chunder	...	Assistant Cashier, Bank of Bengal	...	Strand	...	ditto	ditto
1319	Dass, Jugger Nath	...	Firm of Jugger Nath Dass & Co	...	9, New China Bazar Street	...	ditto	ditto
1320	Dass, Kali Churn	...	Head Clerk, Bill Department, Municipal Office.	...	4, Municipal Office Street	...	ditto	ditto
1321	Dass, Kalidas	...	Assistant, Ewing & Co	...	7-1, Lyons Range	...	ditto	ditto
1322	Dass, Kamini Coomar	...	Assistant, Board of Revenue	...	2, Bankshall Street	...	ditto	ditto
*1323	Dass, Kedar Nath	...	Accountant, Accountant-General's Office, Public Works Department.	...	Loudon's Buildings	...	ditto	ditto
1324	Dass, Kedar Nath	...	Assistant, Finance and Commerce Department.	...	Treasury Buildings	...	ditto	ditto
1325	Dass, Kedar Nath	...	4th class Clerk, Office of Examiner, Marine Accounts.	...	Koilah Ghat Street	...	ditto	ditto
1326	Dass, Kessub Chunder	...	Assistant Accountant, Audit Office, East Indian Railway.	...	E I R House	...	ditto	ditto
1327	Dass, Khetter Paul	...	2nd class Superintendent, Bengal Accountant-General's Office.	...	Treasury	...	ditto	ditto
1328	Dass, Kristo Mohun	...	Inhabitant	...	Kopaleetollah	...	ditto	ditto
1329	Dass, Lal Behary	...	Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	...	Koilah Ghat	...	ditto	ditto
1330	Dass, Luckeenarain	...	Assistant, Finance and Commerce Department.	...	Treasury Buildings	...	ditto	Christian
*1331	Dass, Manick Lall	...	4th class Assistant, Office of Accountant-General, Military Department.	...	6, Esplanade, East	...	ditto	Hindoo
1332	Dass, Nilcomul	...	Sub-Assistant Auditor, East Indian Railway.	...	E I R House	...	ditto	ditto
1333	Dass, Nilmadhub	...	Assistant, Office of Controller of Military Accounts, Account Branch, Bengal.	...	3, Koilah Ghat	...	ditto	ditto
1334	Dass, Nobin Chunder	...	Clerk, Pay Examiner's Office	...	2, Koilah Ghat Street	...	ditto	ditto
1335	Dass, Pannalal	...	Junior Partner, Firm of A W Mason & Co.	...	2, Waterloo Street	...	ditto	ditto
1336	Dass, Peary Mohan	...	Assistant, Chartered Mercantile Bank of India, London and China.	...	Dalhousie Square	...	ditto	ditto

No.	Name.	Style or Calling.	Residence or Place of Business	Native Country.	Religion.	Remarks.
D						
1337	Dass, Phellaram	4th class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Koilah Ghât	India	Hindoo	
1338	Dass, Rajendro Chunder	Head Assistant to Secretary, Municipal Office.	4, Municipal Office Street	ditto	ditto	
1339	Dass, Ram Lal	Assistant Master, Calcutta Institution	193, Bowbazar Street	ditto	ditto	
1340	Dass, Sham Soonder	Head Assistant, Office of Superintending Engineer, Western Circle.	Writers' Buildings	ditto	ditto	
1341	Dass, Sreenibas	Assistant, Gillanders, Arbuthnot & Co.	8, Clive Street	ditto	ditto	
1342	Dass, Tincowrie	Broker	Sonagachi	ditto	ditto	
1343	Dass, Woornesh Chunder	Calcutta Central Press Company, Ltd	5-1, Council House Street	ditto	ditto	
1344	Daw, Guish Chunder	Assistant, Bengal Office, P W D	Writers' Buildings	ditto	ditto	
1345	Daw, Shoobal Chunder	Assistant, Bengal Office, Financial, Municipal and Accounts Departments.	ditto	ditto	ditto	
1346	Dey, Shama Churn	Clerk, Office of Examiner, Pay Department.	2, Koilah Ghât Street	ditto	ditto	
1347	Dey, Aghore Nath	Assistant, Ewing & Co	7-1, Lyon's Range	ditto	ditto	
1348	Dey, Beer Chunder	Assistant, Board of Revenue	2, Bankshall Street	ditto	ditto	
1349	Dey, Bhuban Mohun	Assistant, Bengal Office, Judicial, Political and Appointment Departments.	Writers' Buildings	ditto	ditto	
1350	Dey, Bustom Churn	Head Clerk, Warrant Department, Municipal Office.	4, Municipal Office Street	ditto	ditto	
1351	Dey, Brojonath	Superintendent, Metropolitan Institution.	22, Sunker Ghose's Lane, Bai Simla.	ditto	ditto	
1352	Dey, Damodar	Assistant, Chartered Mercantile Bank of India, London, and China.	Dalhousie Square	ditto	ditto	
1353	Dey, Degumbar	Assistant, George Henderson & Co.	100, Clive Street	ditto	ditto	

1354	Dey, Dit Sankar	... Professor, Rupon College	... 60, Mirzapore Street	... ditto	ditto
1355	Dey, Gobind Chunder	... Clerk, Chief Paymaster's Office, East Indian Railway.	... E. I. R. House	... ditto	ditto
1356	Dey, Gojendronath	... Assistant, Bengal Office, General Department.	... Writers' Buildings	... ditto	ditto
1357	Dey, Gopal Chunder	... Accountant, 2nd grade, Office of Examiner of Public Works Accounts, Bengal.	... 8, Lyons Range	... ditto	ditto
1358	Dey, Gourisunker	... Professor, General Assembly's Institution.	... Cornwallis Square	... ditto	ditto
1359	Dey, Hem Chunder	... Assistant, Department of Finance and Commerce.	... Treasury Buildings	... ditto	ditto
1360	Dey, Hurraram	... Assistant, Gisborne & Co.	... Strand	... ditto	ditto
1361	Dey, Hurry Churn	... Clerk, Calcutta Mint	... ditto	... ditto	ditto
1362	Dey, Jogendro Lal	... Clerk, Comptroller-General's Office	... Treasury	... ditto	ditto
1363	Dey, Jogendro Nath	... Assistant, W. Newman & Co. Ltd	... 4, Dalhousie Square	... ditto	ditto
1364	Dey, Jodu Nauth	... Accountant, Municipal Office	... 4, Municipal Office Street	... ditto	ditto
1365	Dey, Kala Chand	... Clerk, Comptroller-General's Office	... Treasury	... ditto	ditto
1366	Dey, Kally Dass	... Assistant, F. W. Helgers & Co	... 136, Canning Street	... ditto	ditto
1367	Dey, Kristo Mohun	... Assistant, Board of Revenue	... 2, Bankshall Street	... ditto	ditto
1368	Dey, Netro Lal	... Assistant Store-keeper of Stamp, Stamp and Stationery Office.	... 5, Church Lane	... ditto	ditto
1369	Dey, Nilmadhub	... Accountant, Northern Drainage and Embankment Division.	... Writers' Buildings	... ditto	ditto
1370	Dey, Noluth Mohun	... Assistant, J. Anderson & Co.	... 7, China Bazar Lane	... ditto	ditto
1371	Dey, Norendro Lal	... Professor, General Assembly's Institution.	... Cornwallis Square	... ditto	ditto
1372	Dey, Nundo Ram	... 1st class Clerk, Public Accounts, Bengal.	... 8, Lyons Range	... ditto	ditto
1373	Dey, Peary Churn	... Assistant Stamp Supervisor, Calcutta Collectorate.	... 4, Bankshall Street	... ditto	ditto

No	Names.	Style or Calling	Residence or Place of Business	Native Country.	Religion	REMARKS
D						
1374	Dey, Prasono Coomar	... Assistant, Board of Revenue	... 2, Bankshall Street	India	Hindoo	
1375	Dey, Rama Nath	... 3rd Clerk, Presidency Commissioner's Office.	14, Hare Street	ditto	ditto	
1376	Dey, Rusick Lall	... Cishier, Mackenzie, Lyall & Co.	... Lyons Range	ditto	ditto	
1377	Dey, Saroda Persad	... Assistant, Department of Finance and Commerce.	... Treasury Buildings	ditto	ditto	
1378	Dey, Souresh Chunder	... Assistant, Board of Revenue	... 2, Bankshall Street	ditto	ditto	
1379	Dey, Woomesh Chunder	... Assistant, Office of Controller of Military Accounts, Account Branch, Bengal.	of 3, Kollah Ghât	ditto	ditto	
1380	Dhur, Bollye Chand	... Assistant, Gillanders, Arbuthnot & Co.	8, Clive Street	ditto	ditto	
1381	Dhur, Kedar Nath	... Assistant, W. Newman & Co, Ltd.	... 4, Dalhousie Square	ditto	ditto	
1382	Dhur, Keshub Lall	... Assistant, Kanny Lall Dhur & Son	... 40, Old China Bazar Street	ditto	ditto	
1383	Dhur, Khetter Mohun	... Assistant, Hoare, Miller & Co.	... 38, Strand	ditto	ditto	
1384	Dhur, Kristo Chunder	... Assistant, Finlay, Muir & Co.	... 21, Canning Street	ditto	ditto	
1385	Dhur, Kristo Lall	... Firm of Juggernath Dass & Co.	... 9, New China Bazar Street	ditto	ditto	
1386	Dhur, Prankristo	... Clerk, Calcutta Mint	... Strand	ditto	ditto	
1387	Dosabboy, C.	... Inspector, Municipal Office	... 4, Municipal Office Street	ditto	Parsee	
1388	Dutt, Amirto Lall	... Assistant, Board of Revenue	... 2, Bankshall Street	ditto	Hindoo	
1389	Dutt, Aubhoy Churn	... Supervisor, House Drainage, Municipal Office.	4, Municipal Office Street	ditto	ditto	
1390	Dutt, Bhopendra Coomar	... Firm of Dutt & Co.	... 7, Lyons Range	ditto	ditto	
1391	Dutt, Bolie Chand	... Assistant, Gisborne & Co.	... Strand	ditto	ditto	
1392	Dutt, Brojonath	... Assistant, Chartered Mercantile Bank of India, London, and China.	28, Dalhousie Square	ditto	ditto	
1393	Dutt, Brojonath	... Assistant Accountant, Chief Auditor's Office, E I R	E I R House	ditto	ditto	

1394	Dutt, Chundee Churn	...	Assistant, Crooke Rome & Co	...	8, Clive Row	...	ditto
1395	Dutt, Debendro Nath	...	Assistant, Office of Examiner of Ordnance Accounts.	...	Koilah Ghât Street	...	ditto
1396	Dutt, Debendro Nath	...	Accountant, Garrison Engineer's Office	...	Fort William	...	ditto
1397	Dutt, Dwarkanath	...	2nd class Clerk, Bengal Accountant-General's Office.	...	Treasury	...	ditto
1398	Dutt, Dwarka Nath	...	Merchant	...	Colootolah	...	ditto
1399	Dutt, Eshan Chunder	...	Clerk, Comptroller-General's Office	...	Treasury	...	ditto
1400	Dutt, Gookool Chunder	...	Assistant, Agra Bank, Ltd	...	26, Mangoe Lane	...	ditto
1401	Dutt, Gour Lall	...	Accountant, Watson & Summers	...	3-1, Wellesley Place	...	ditto
*1402	Dutt, Govardhan	...	Assistant, Finance and Commerce Department.	...	Treasury Buildings	...	ditto
1403	Dutt, Gungadhar	...	Assistant, Home Department	...	Government Place	...	ditto
1404	Dutt, Jogendro Chunder	...	Inhabitant	...	Ramjan Ostagar's Lane, Nimtola.	...	ditto
1405	Dutt, Jogesh Chunder	...	Assistant, Bengal Office, Financial, Municipal and Accounts Departments.	...	Writers' Buildings	...	ditto
1406	Dutt, Keder Nath	...	Book-keeper, Grindlay & Co	...	11, Hastings Street	...	ditto
1407	Dutt, Keder Nath	...	Assistant, O Steel & Co	...	14, Old Court House Street.	...	ditto
1408	Dutt, Khetter Chunder	...	Deputy Bullion-keeper, Calcutta Mint	...	Strand	...	ditto
1409	Dutt, Koylash Chunder	...	Assistant, Great Eastern Hotel Co, Ltd	...	Great Eastern Hotel Co, Ltd	...	ditto
1410	Dutt, Krishna Lall	...	Superintendent, Comptroller-General's Office.	...	Treasury	...	ditto
1411	Dutt, Koomudnath	...	Assistant, Board of Revenue	...	2, Bankshall Street	...	ditto
1412	Dutt, Madhub Chunder	...	2nd class Clerk, Bengal Accountant-General's Office.	...	Treasury	...	ditto
1413	Dutt, Mohendro Nath	...	Clerk, Pay Examiner's Office	...	2, Koilah Ghât Street	...	ditto

No.	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
D						
1414	Dutt, Muttu Lall	... 2nd class Clerk, Bengal Accountant-General's Office.	Treasury	... India	... Hindoo.	
1415	Dutt, Nobin Chunder	... 1st class Clerk, Bengal Accountant-General's Office.	ditto	... ditto	ditto	
1416	Dutt, Prankrishto	... Assistant, Bengal Office, General Department.	Writers' Buildings	... ditto	ditto	
1417	Dutt, Prosono Coomar	... Clerk, Calcutta Mint	... Strand	... ditto	ditto	
1418	Dutt, Panchanun	... Assistant, Office of the Inspector-General of Registration.	Writers' Buildings	... ditto	ditto	
1419	Dutt, Panchanun	... 4th class Clerk, Office of Examiner of Marine Accounts.	Koilah Ghat Street	... ditto	ditto	
1420	Dutt, Raj Coomar	... Assistant, Chartered Bank of India, &c.	5, Council House Street...	... ditto	ditto	
1421	Dutt, Rajkissen	... Head Clerk, Collector's Department, Municipal Office.	4, Municipal Office Street	... ditto	ditto	
1422	Dutt, Roghoomoney	... Assistant, Bengal Office, Judicial, Political and Appointment Depts.	New Writers' Buildings...	... ditto	ditto	
1423	Dutt, Shib Chunder	... Assistant, George Henderson & Co	100, Clive Street	... ditto	ditto	
1424	Dutt, Shris Chunder	... Inhabitant	Wellington Square	... ditto	ditto	
1425	Dutt, Shoshti Churn	... Assistant, Gillanders, Arbuthnot & Co	8, Clive Street	... ditto	ditto	
*1426	Dutt, Sreenath	... Assistant, Home Department	Government Place	... ditto	ditto	
1427	Dutt, Sreenath	... Assistant, W Moran & Co	5, Mangoe Lane	... ditto	ditto	
1428	Dutt, Toolsee Dass	... Head Clerk, Delhi and London Bank	4, Council House Street...	... ditto	ditto	
1429	Dutt, Toolsee Dass	... Merchant	Coolootollah	... ditto	ditto	
G						
*1430	Gangooly, Dhuruni Dhur	... 3rd class Clerk, Office of Secretary to the Government of India, Public Works Department.	Loudon's Buildings	... ditto	ditto	

1431	Gangooly, Dwarka Nath	...	Clerk, Pay Examiner's Office	...	2, Koilah Ghât Street	...	ditto
1432	Gangooly, G. C.	...	Clerk, Foreign Office	...	Council House Street	...	ditto
1433	Gangooly, Raj Chunder	...	Assistant, Bengal Office, Judicial, Political and Appointment Departments.	...	Writers' Building	...	ditto
1434	Ghosal, Gobind Chunder	...	Clerk, Comptroller-General's Office	...	Treasury	...	ditto
1435	Ghosal, Gouri Sankar	...	Deputy Inspector of Schools, Calcutta	...	4, Dalhousie Square	...	ditto
1436	Ghosal, Hem Chunder	...	Master, Government School of Art	...	153, Bow Bazar Street	...	ditto
1437	Ghosal, Rama Nath	...	Head Assistant, Legal Remembrancer's Office.	...	High Court Buildings	...	ditto
1438	Ghose, Abinash Chunder	...	Assistant, Office of Controller of Military Accounts, Bengal.	...	Military Accounts Department Building.	...	ditto
1439	Ghose, Apoorva Kristo	...	Assistant, Bengal Office, General Department.	...	Writers' Buildings	...	ditto
1440	Ghose, Ashootosh	...	2nd class Assistant, Presidency Pay Office.	...	Koilah Ghât Street	...	ditto
1441	Ghose, B M	...	Assistant, D. N. Biswas & Co	...	32, Dalhousie Square	...	ditto
1442	Ghose, Bacharam	...	Bill Clerk, Port Office	...	Koilah Ghât	...	ditto
1443	Ghose, Bany Madhub	...	Head Assistant, Calcutta School Book Society.	...	Bentinek Street	...	ditto
*1444	Ghose, Bany Madhub	...	Assistant, Office of Commissary-General-in-Chief, Transport Section.	...	1, Crooked Lane	...	ditto
1445	Ghose, Bany Madhub	...	Assistant, Ewing & Co	...	7-1, Lyons Range	...	ditto
1446	Ghose, Baranussy Chunder	...	3rd class Assistant, Presidency Pay Office.	...	Koilah Ghât Street	...	ditto
1447	Ghose, B N	...	Assistant, J Anderson & Co	...	7, China Bazar Lane	...	ditto
1448	Ghose, Charu Chunder	...	Assistant, Bengal Office, Financial, Municipal, and Accounts Departments.	...	Writers' Buildings	...	ditto
1449	Ghose Chundi Churn	...	4th class Assistant, Office of Examiner of Commissariat and Remount Accounts.	...	Koilah Ghât	...	ditto
1450	Ghose, Debendronath	...	1st grade Fullion Superintendent, Calcutta Mint.	...	Strand	...	ditto

No.	Names	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
G						
1451	Ghose, Doorga Narain	...	Clerk, Correspondence Office, Survey of India Offices.	India	Hindoo	
1452	Ghose, Gadadhur	...	Assistant, Gillanders, Arbuthnot & Co.	...	ditto	
1453	Ghose, Gopal Chander	...	Assistant, Government of Bengal, Writers' Building Public Works Department.	...	ditto	
1454	Ghose, Gopeenath	...	Cash-keeper, Bank of Bengal	...	ditto	
1455	Ghose, Grish Chunder	...	Assistant, Office of Inspector-General of Civil Hospitals, Bengal.	...	ditto	
1456	Ghose, Herumbo Chunder	...	Inhabitant	8, Ramtonoo Bose's Lane	ditto	
1457	Ghose, Hollothur	...	Assistant, Board of Revenue	2, Bankshall Street	ditto	
1458	Ghose, Hurro Kali	...	Clerk, Kettlewell, Bullen & Co	5, Mission Row	ditto	
1459	Ghose, Joy Gopaul	...	Assistant, George Henderson & Co	100, Clive Street	ditto	
1460	Ghose, Judoonath (Sr.)	...	Clerk, Comptroller-General's Office	Treasury	ditto	
1461	Ghose, Judoonath	...	Assistant, W Newman & Co, Ltd.	4, Dalhousie Square	ditto	
1462	Ghose, K C	...	Clerk, Office of Consulting Engineer to the Government of India for Guaranteed Railways.	E I R House	ditto	
1463	Ghose, Kala Chand	...	Assistant, Balmer, Lawrie & Co	103, Clive Street	ditto	
1464	Ghose, Kally Podo	...	Assistant, John Dickinson & Co Ltd	7, New China Bazar Street	ditto	
1465	Ghose, Kedar Nath	...	Supervisor, Office of Examiner of Army Clothing Accounts.	Kolah Ghât Street	ditto	
1466	Ghose, Khetter Chunder	...	4th class Assistant, Office of Examiner of Commissariat and Remount Accounts.	ditto	ditto	
1467	Ghose, Khetter Mohun	...	Assistant, Office of Controller of Military Accounts, Accounts Branch, Bengal.	3, Kolah Ghât	ditto	
1468	Ghose, Khetter Nath	...	Superintendent, Drainage Department, Municipal Office.	4, Municipal Office Street	ditto	

*1469	Ghose, Mohendro Lall	... 2nd class Assistant, Accountant-General's Office, Military Department.	6, Esplanade East	...	ditto	ditto
1470	Ghose, Monohar	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
1471	Ghose, Mon Mohun	Overseer, Municipal Office	4, Municipal Office Street	...	ditto	ditto
1472	Ghose, Nibaran K	Assistant, Bengal Office, Financial, Municipal and Accounts Departments.	Writers' Buildings	...	ditto	ditto
1473	Ghose, Nitto Gopal	Assistant, Office of Controller of Military Accounts, Bengal.	Military Account Department Building.	...	ditto	ditto
1474	Ghose, Nobin Chunder	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto	ditto
1475	Ghose, Nobin Chunder	2nd Master, Calcutta Madrasa	Calcutta Madrasa	...	ditto	ditto
1476	Ghose, Nobogopal	Assistant, George Henderson & Co	100, Clive Street	...	ditto	ditto
1477	Ghose, Nobogopal	2nd class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Kolab Ghât	...	ditto	ditto
1478	Ghose, Narendro Kissen	Cash-keeper Calcutta Mint	Strand	...	ditto	ditto
1479	Ghose, Nundo Gopal	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
1480	Ghose, Preonath	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto	ditto
1481	Ghose, Prosuno Coomar	Inhabitant	Juguturath Suroe's Lane, Hugulkeoria.	...	ditto	ditto
1482	Ghose, Prosuno Coomar	Superintendent, Comptroller-General's Office.	Treasury	...	ditto	ditto
1483	Ghose, Prosuno Coomar	Assistant, Barry & Co	5, Lyons Range	...	ditto	ditto
1484	Ghose, Purua Chunder	Head Clerk, Geological Survey Office	27, Chowringhee	...	ditto	ditto
1485	Ghose, Rajendro Lall	Clerk, Calcutta Mint	Strand	...	ditto	ditto
1486	Ghose, Ram Doyal	Assistant Accountant, Chief Auditor's Office, Eastern Indian Railway.	E I R House	...	ditto	ditto
1487	Ghose, Rama Prosuno	Superintendent, Comptroller-General's Office	Treasury	...	ditto	ditto

No	Names.	Style or Calling	Residence or Place of Business	Native Country	Religion	Remarks.
G						
1488	Ghose, Saroda Persad	Head Master, Metropolitan Institution.	Sunker Ghose's Lane	India	Hindoo.	
1489	Ghose, Saroda Prosad	Assistant, Hoare, Muller & Co	33, Strand	ditto	ditto	
1490	Ghose, Shashi Dhusan	Book-keeper, Balmor, Lawrie & Co	103, Clive Street	ditto	ditto	
1491	Ghose, Shoshee Bhooan	Assistant Office of Inspector-General of Ordnance, Bengal Circle	Koliah Ghat	ditto	ditto	
1492	Ghose, Sreenath	Accountant, Office of Superintendent of Works, Calcutta	Writers' Buildings	ditto	ditto	
1493	Ghose, Surendro Nath	3rd class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Koliah Ghat	ditto	ditto	
1494	Ghose, Woomeesh Chunder	3rd class Assistant, Presidency Pay Office	Koliah Ghat Street	ditto	ditto	
1495	Ghose, W C	Assistant, D N Biswas & Co	32, Dalhousie Square	ditto	ditto	
1496	Goho, M S	Store-keeper, Burn & Co	7, Hastings Street	ditto	ditto	
1497	Gojdar, Coomerjee Purtojee.	Merchant	44, Ezra Street	ditto	ditto	
1498	Gokool Chand	Draftsman, Bengal Secretariat, Public Works Department.	Writers' Buildings	ditto	ditto	
**1490	Gosamy, Pran Gopal	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	ditto	ditto	
1500	Gosamy, Sita Nath	Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	Koliah Ghat	ditto	ditto	
1501	Gui, Siv Chundra	Lecturer, Sanskrit College	College Square	ditto	ditto	
**1502	Gupto, Behary Lall	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	ditto	ditto	
1503	Gupto, Calla Chand	Inhabitant	Gupto's Lane, Jorasanko	ditto	ditto	

*1504	Gupto, Jogendro Nath	...	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	...	ditto
1505	Gupto, Gopal Chunder	...	Inhabitant	Gupto's Lane, Jorasanko	...	ditto
1506	Gupto, Gopal Chunder	...	Assistant, Agra Bank, Limited	26, Mangoe Lane	...	ditto
1507	Gupto, Gopal Chunder	...	Assistant, National Bank of India, Limited.	3, Council House Street	...	ditto
1508	Gupto, Jogedishur	...	Assistant, Halford, Smith & Co	5, Fairhe Place	...	ditto
1519	Gupto, Kristo Hury	...	Inhabitant	Gupto's Lane, Jorasanko	...	ditto
1510	Gupto, Mohendronath	...	Assistant Professor of Ripon College	69, Mirzapur Street	...	ditto
1511	Gupto, Moorthy	...	Inhabitant	Goroo Prosad Chowdry's Lane.	...	ditto
1512	Gupto, Rakhal Chunder	...	Accountant, Chief Engineer's Office, E I Railway.	E I R House	...	ditto
1513	Gupto, Ram Chunder	...	Inhabitant	Gupto's Lane, Jorasanko	...	ditto
H						
1514	Halder, D C	...	Assistant, D N Biswas & Co	33, Dalhousie Square	...	ditto
1515	Halder, P C	...	Inhabitant	Jhamapooker Lane, Jhamapooker.	...	ditto
1516	Halder, Sukumar	...	License Inspector, Municipal Office	4, Municipal Office Street	...	ditto
*1517	Handu, Pundit Chand.	Dharm	Assistant, Office of Surgeon-General with the Government of India.	Loudon's Buildings	...	ditto
*1518	Hazra, Ambica Churn	...	Assistant, Department of Finance and Commerce.	Treasury Buildings	...	Christian
K						
1519	Karmakar, Akshoy Chunder	...	2nd class Clerk, Bengal Accountant-General's Office.	Treasury	...	Hindoo
1520	Karmakar, Prolad Chunder	...	Assistant Master, Calcutta Institution	198, Bow Bazar Street	...	ditto
1521	Kaviratna, Haris Chandra...	...	Assistant Professor Presidency College.	College Square	...	ditto

<i>No</i>	<i>Names</i>	<i>Style or Calling</i>	<i>Residence or Place of Business.</i>	<i>Native Country.</i>	<i>Religion.</i>	<i>REMARKS.</i>
K						
1522	Khannab, J	...	Proprietor, Sallugram, Khannah & Co	60, Cross Street	...	India
1523	Kerr, Preonath	...	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto
L						
1524	Laha, Krishna Dass	...	2nd class Clerk, Bengal Accountant-General's Office.	Treasury	...	ditto
*1525	Laha, Lukshmy Naram	...	Assistant, Finance and Commerce Department.	Treasury Buildings	...	ditto
1526	Laha, Prosono Coomar	...	Assistant Accountant, E I R.	E I R House.	...	ditto
1527	Lahoory, Bepin Behary	...	Assistant, Hoare, Miller & Co	Strand	...	ditto
1528	Lahoory, Brojonath	...	Assistant Secretary, Presidency College	College Square	...	ditto
1529	Lahoory, Chunder Coomar	...	Assistant Accountant, East Indian Railway, Audit Office.	E I R House	...	ditto
1530	Lahoory, Oghore Nath	...	Clerk, Begg, Dunlop & Co	12, Mission Row	...	ditto
1531	Lahoory, Prassana Coomar	...	Professor, Metropolitan Institution	Sunker Ghose's Lane	...	ditto
1532	Lahoory, Radhika Persad	...	Intabitant	Jalatollah Street	...	ditto
M						
1533	Mitter, Anando Chunder	...	Inspector, Municipal Office	4, Municipal Office	Street	ditto
1534	Mitter, Aubhash Chand	...	Firm of Dutt & Co	7, Lyons Range	...	ditto
1535	Mitter, Benoy Krishna	...	Manager and Proprietor, Anglo-Indian Rubber Stamp Co.	74, Choonam Gully	...	ditto
*1536	Mitter, Bhagavati Churn	...	Assistant, Department of Finance and Commerce.	Treasury Buildings	...	ditto
1537	Mitter, Bhupes Churn	...	Assistant, Th O'Toole & Co	4, Garstin's Place	...	ditto
1538	Mitter, Bihary Lall	...	Assistant, Sallugram, Khannah & Co	60, Cross Street	...	ditto

1539	Mitter, Brindabun Chunder	Assistant, Office of Controller of Military Accounts, Accounts Branch, Bengal.	3, Koilah Ghât	...	ditto	ditto
1540	Mitter, Buccessor	4th class Clerk, Office of Examiner of Marine Accounts.	Koilah Ghât Street	...	ditto	ditto
1541	Mitter, Buddinath	Assistant, Ewing & Co	7-1, Lyons Range	...	ditto	ditto
*1542	Mitter, C C	Clerk, Foreign Office	Council House Street	...	ditto	ditto
1543	Mitter, Debendro Nath	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto	ditto
1544	Mitter, Gns Chunder	Assistant, Office of Inspector-General of Police, Lower Provinces.	Writers' Buildings	...	ditto	ditto
1545	Mitter, Hemendra Nath	Assistant Professor, F. C. Institution	74, Nuntollah Street	...	ditto	ditto
1546	Mitter, J. C.	Assistant, Mukerjee, Clark and Co	5, Commercial Buildings	...	ditto	ditto
1547	Mitter, Jogendro Nath	Assistant, Office of Controller of Military Accounts, Accounts Branch, Bengal.	3, Koilah Ghât	...	ditto	ditto
1548	Mitter, Jogendro Nath	Assistant, Judicial, Political, and Appointment Departments. Bengal Office.	Writers' Buildings	...	ditto	ditto
1549	Mitter, Kali Prasanna	Assistant, Board of Revenue	2, Bankshall Street	...	ditto	ditto
1550	Mitter, Khetter Nath	Clerk, Pay Examiner's Office	2, Koilah Ghât Street	...	ditto	ditto
1551	Mitter, Kissrimohun	Assistant, Board of Revenue	2, Bankshall Street	...	ditto	ditto
1552	Mitter, Krishna Kumar	Inhabitant	Rajendronath Sen's Lane, Kasaulpara.	...	ditto	ditto
1553	Mitter, Krishna Kumar	Teacher, City College	13, Mirzapore Street	...	ditto	Brahmo
1554	Mitter, Modhoo Sudan	Assistant, Office of Inspector-General of Police, Lower Provinces	Writers' Buildings	...	ditto	Hindoo
1555	Mitter, Mohanundo	Accountant, Standard Life Assurance Co.	27, Dalhousie Square	...	ditto	ditto
1556	Mitter, Mohendro Nath	Head Assistant, Central Commissariat Accounts Office.	8, Koilah Ghât Street	...	ditto	ditto
1557	Mitter, Mohendro Nath	Assistant, Audit Department, E. I. R.	E. I. R. House	...	ditto	ditto

No.	Names.	Style of Calling	Residence or Place of Business.	Native Country.	Religion.	Remarks.
M						
1558	Mitter, Moty Lall	Assistant, O Steel & Co	14, Old Court House Street	India	Hindoo	
*1559	Mitter, Narasingha Prasad	Assistant, Department of Finance and Commerce.	Treasury Buildings	ditto	ditto	
1560	Mitter, Nemy Churn	Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	Koilah Ghât	ditto	ditto	
1561	Mitter, Nil Madhub	Banyan's Assistant, Crook's, Rome & Co.	8, Clive Row	ditto	ditto	
1562	Mitter, Nobocoomar	Assistant, Mackinnon, Mackenzie & Co.	Strand Road	ditto	ditto	
1563	Mitter, Nobo Gopal	Inhabitant	10, Cornwallis Street	ditto	ditto	
1564	Mitter, Nobo Gopal	Assistant, Office of Controller of Military Accounts, Bengal	Military Accounts Department Buildings.	ditto	ditto	
*1565	Mitter Opendro Kissen	4th class Assistant, Office of Accountant-General, Military Department.	6, Esplanade, East.	ditto	ditto	
*1566	Mitter, Prasanna Kumar	Assistant, Department of Finance and Commerce.	Treasury Buildings	ditto	ditto	
1567	Mitter, Promothonath	2nd Class Assistant, Presidency Pay Office.	Koilah Ghât	ditto	ditto	
1568	Mitter, Prosunno Narain	Education Clerk, Presidency Commissioner's Office.	14, Hare Street	ditto	ditto	
1569	Mitter, Radhamadhub	Professor, Seal's Free College	Halliday Street	ditto	ditto	
1570	Mitter, Raj Krishna	Assistant, Physical Laboratory, Presidency College.	College Square	ditto	ditto	
1571	Mitter, Raj Rajessur	Manager, B. Rigold and Bergmann	142, Radha Bazar	ditto	ditto	
1572	Mitter, Russick Lall	Inhabitant	Rajah Nobo Kissen's Street	ditto	ditto	
1573	Mitter, Saroda Kantha	Assistant, Ernsthausen & Co	2 and 3, Clive Row	ditto	ditto	
1574	Mitter, Sattoo Lall	2nd class Clerk, Office of Examiner of Public Works Accounts, Bengal	8, Lyons Range	ditto	ditto	
1575	Mitter, Sham Lall	Assistant, Controller's Office, E. I. R.	E I R House	ditto	ditto	

1576	Mitter, Shalcoory	...	Assistant, J. Thomas & Co	...	Mission Row	...	ditto	ditto
1577	Mitter, Shibada Churn	...	Assistant, Bengal Office, General Department.	...	Writers' Buildings	...	ditto	ditto
1578	Mitter, Soshee Bhnsan	...	Assistant, Board of Revenue	...	2, Bankshall Street	...	ditto	ditto
1579	Mitter, Sris Chandra	...	2nd class Clerk, Military Department	...	Military Department	...	ditto	ditto
1580	Mitter, Surendra Nath	...	Assistant, Bengal Office, Financial Department.	...	Writers' Buildings	...	ditto	ditto
1581	Mitter, Surendro Nath	...	Assistant, Durst & Co	...	19, Radha Bazar	...	ditto	ditto
1582	Mitter, Woodai Chand	...	Diary-keeper, Office of the Superintendent, Government Printing.	...	8, Hastings Street	...	ditto	ditto
1583	Mookerjee, Adya Nath	...	2nd Master, Sanskrit College	...	College Square	...	ditto	ditto
*1584	Mookerjee, Aghorenath	...	Assistant, Department of Finance and Commerce.	...	Treasury Buildings	...	ditto	ditto
1585	Mookerjee, Ambica Churn	...	Examiner, Lithographic Office, Survey of India Offices.	...	1, Camac Street	...	ditto	ditto
1586	Mookerjee, Amio Nath	...	License Inspector, Municipal Office	...	4, Municipal Office Street	...	ditto	ditto
1587	Mookerjee, Annoda Churn	...	Assistant, Bengal Office, General Department.	...	Writers' Buildings	...	ditto	ditto
1588	Mookerjee, Annoda Prosad	...	Assistant, Bengal Secretariat, Public Works Department.	...	ditto	...	ditto	ditto
*1589	Mookerjee, Ashootosh	...	Assistant, Finance and Commerce Department.	...	Treasury Buildings	...	ditto	ditto
1590	Mookerjee, Beer Narain	...	2nd Assistant, Office of Director of Public Instruction.	...	Writers' Buildings	...	ditto	ditto
1591	Mookerjee, Benode Behary	...	Assistant, Office of Examiner of Ordnance Accounts.	...	Koilah Ghat Street	...	ditto	ditto
1592	Mookerjee, Benoyanath	...	Assistant, Finlay, Muir & Co	...	21, Canning Street	...	ditto	ditto
1593	Mookerjee, Bholanath	...	Superintendent, Comptroller-General's Office.	...	Treasury	...	ditto	ditto
*1594	Mookerjee, B	...	Translator, Foreign Office	...	Council House Street	...	ditto	ditto

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M						
1595	Mookerjee, Bissessur	Assistant, Board of Revenue	... 2, Bank-hall Street	India	Hindoo	
1596	Mookerjee, Chunder Bhosun.	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	ditto	ditto	
1597	Mookerjee, Debendronath	Accountant and Treasurer, Bengal Office, Financial, Municipal, and Accounts Departments.	Ditto	ditto	ditto	
1598	Mookerjee, Dinobundhu	Clerk, Comptroller-General's Office	Treasury	ditto	ditto	
1599	Mookerjee, Goolool Chunder	Assistant Treasurer, Chief Pay-master's office, E. I. R.	E I R House	ditto	ditto	
1600	Mookerjee, Gopal Chunder	Clerk, Comptroller-General's Office	Treasury	ditto	ditto	
1601	Mookerjee, Grish Chunder	3rd class Superintendent, Bengal Accountant-General's Office.	Ditto	ditto	ditto	
1602	Mookerjee, Hurnath	Assistant, Ahmuty & Co	Church Lane	ditto	ditto	
1603	Mookerjee, Hurry Mohun	Assistant, Hoare, Muller & Co	38, Strand	ditto	ditto	
1604	Mookerjee, Jogendra Nath	Assistant, Office of Examiner of Medical and Fund Accounts.	3, Kollah Ghat Street	ditto	ditto	
1605	Mookerjee, Judoonath	Assistant, Controllor's Office, E I R.	E I R House	ditto	ditto	
1606	Mookerjee, Judoonath	Examiner, Military Department	Military Department Press	ditto	ditto	
1607	Mookerjee, Judoonath	Clerk, Comptroller-General's Office,	Treasury	ditto	ditto	
1608	Mookerjee, K L	Clerk, Foreign Office	Council House Street	ditto	ditto	
1609	Mookerjee, Kallynath	2nd class Clerk, Office of Examiner of Public Works Accounts, Bengal.	8, Lyons Range	ditto	ditto	
1610	Mookerjee, Kasinath	Assistant, Executive Engineer's Office, 4th Calcutta Division.	Writers' Buildings	ditto	ditto	

1611	Mookerjee, Kedarnath	...	Assistant, Office of Examiner of Ordnance Accounts.	Koilah Ghat Street	...	ditto	ditto
* 1612	Mookerjee, Kedarnath	...	3rd class Clerk, Military Department	Military Department	...	ditto	ditto
1613	Mookerjee, Kherodenath	...	3rd class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Koilah Ghat	...	ditto	ditto
1614	Mookerjee, Khettermohun...	...	4th class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Ditto	...	ditto	ditto
1615	Mookerjee, Khettermohun...	...	Assistant Blackwood, Blackwood, Co	104, Canning Street	...	ditto	ditto
1616	Mookerjee, Khetternath	...	Supervisor, Office of Examiner of Army Clothing Accounts.	Koilah Ghat Street	...	ditto	ditto
1617	Mookerjee, Khogendronath	...	Clerk, Begg, Dunlop & Co	12, Mission Row	...	ditto	ditto
* 1618	Mookerjee, Koomed Chunder	...	4th class Clerk, Secretariat, Government of India, P W D.	3, Loudon's Buildings	...	ditto	ditto
1619	Mookerjee, Koylash Chunder (Roy Bohadour).	...	Head Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	...	ditto	ditto
1620	Mookerjee, Kristodhone	...	Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	Koilah Ghat	...	ditto	ditto
1621	Mookerjee, Lal Behari	...	Assistant, Bengal Office, Public Works Department.	Writers' Building	...	ditto	ditto
1622	Mookerjee, Mohendro Nath	...	Assistant, Office of Examiner of Ordnance Accounts.	Koilah Ghat Street	...	ditto	ditto
1623	Mookerjee, Mohendro Nath	...	Assistant, Gillanders. Arbuthnot & Co	8, Clive Street	...	ditto	ditto
1624	Mookerjee, Monindra Nath	...	Assistant, Board of Revenue	2, Bankshall Street	...	ditto	ditto
1625	Mookerjee, Nanimadhub	...	2nd Class Clerk, Bengal Accountant-General's Office.	Treasury	...	ditto	ditto
1626	Mookerjee, Neilcomul	...	Assistant, Graham & Co	9, Clive Street	...	ditto	ditto
1627	Mookerjee, Nidhiram	...	Inspector, Municipal Office	4, Municipal Office Street	...	ditto	ditto
1628	Mookerjee, Nilmadhub	...	Assistant, Turner, Morrison & Co.	6, Lyons Range	...	ditto	ditto

No.	Names	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
M						
1629	Mookerjee, Nobo Coemar ...	Treasurer, Chief Pay-Master's Office, E I R	E I R House	India	Hindoo	
1630	Mookerjee, Nongendra Nath	2nd class Clerk, Bengal Accountant- General's Office.	Treasury	ditto	ditto	
1631	Mookerjee, Nundo Lall ...	2nd class Clerk, Office of Examiner Public Works Accounts, Bengal.	8, Lyons Range	ditto	ditto	
1632	Mookerjee, Otool Chunder...	Assistant, Bengal Office, General Department.	Writers' Buildings	ditto	ditto	
1633	Mookerjee, Pran Kissen ...	Sircar, Mackenzie, Lyall & Co ...	Lyons Range	ditto	ditto	
*1634	Mookerjee, P N ...	Clerk, Foreign Office	Council House Street	ditto	ditto	
1635	Mookerjee, Preonath ...	Head Assistant, General Expenditure Department, Office of Inspector- General of Jails.	Writers' Buildings	ditto	ditto	
1636	Mookerjee, Priya Nath ...	Superintendent, Metropolitan Institu- tion, Syampukur Branch.	63, Sham Bazar Street	ditto	ditto	
1637	Mookerjee, Prosonno Coomar	2nd class Clerk, Bengal Accountant- General's Office.	Treasury	ditto	ditto	
1638	Mookerjee, Prosonno Coomer	Assistant, Carritt & Co ...	9, Mission Row	ditto	ditto	
1639	Mookerjee, Rajendro Nath	Assistant, Board of Revenue	2, Bankshall Street	ditto	ditto	
1640	Mookerjee, Rajendro Nath	Draftsman, Bengal Office, Public Works Department.	Writers' Buildings	ditto	ditto	
*1641	Mookerjee, Raj Kissen ...	Assistant, Finance and Commerce Department.	Treasury Buildings	ditto	ditto	
*1642	Mookerjee, Russick Lall ...	Clerk, Chief Pay-Master's Office, E I R.	E I R House	ditto	ditto	
1643	Mookerjee, Saroda Persad...	Cashier, Land Mortgage Bank of India, Limited.	1, Hare Street	ditto	ditto	
1644	Mookerjee, Saroda Persad ...	Bill Examiner, Bank of Bengal	Strand	ditto	ditto	

1645	Mookerjee, Saroda Prosad ...	Clerk, Chief Pay-Master's Office, E I R.	E I R House	...	ditto	ditto
1646	Mookerjee Shosheboosun ...	Inhabitant	Jorasankoo ...	...	ditto	ditto
1647	Mookerjee, Shosheboosun ..	Assistant Accountant, E I R	E I R House	...	ditto	ditto
1648	Mookerjee, Sitanath	Assistant, Bengal Office, Judicial, Political and Appointment Departments.	Writers' Buildings	...	ditto	ditto
1649	Mookerjee, Shama Churn ...	Head Pundit, Hare School	College Square	...	ditto	ditto
1650	Mookerjee, Tarucknath	Head Assistant, Land Mortgage Bank of India, Limited.	1, Hare Street	...	ditto	ditto
*1651	Mookerjee, Umbica Churn...	Assistant, Home Department	Government Place	...	ditto	ditto
*1652	Mookerjee, Wooma Churn ...	Assistant, Finance and Commerce Department.	Treasury Buildings	...	ditto	ditto
1653	Mookerjee, Wooma Churn ...	Clerk, Comptroller-General's Office	Treasury	...	ditto	ditto
1654	Mookerjee, W C	Clerk, Office of Consulting Engineer to the Government of India for Guaranteed Railways.	E I R House	...	ditto	ditto
1655	Moshtaphee, Harish Chunder.	2nd class Clerk, Military Department	Military Department	...	ditto	ditto
1656	Moytro, Heramba Chundra	Professor, City College	13, Mirzapore Street	...	ditto	Brahmo
1657	Moytro, Obhoy Churn	Accountant, P W Department	E I R House	...	ditto	Hindoo
1658	Moytro, R L ...	Teacher, F C Institution	74, Nimtolla Street	...	ditto	Christian
1659	Moytro, Ram Lall	Assistant, Bengal Office, General Department.	Writers' Buildings	...	ditto	Hindoo
1660	Moytro, Upendro Nath	Professor, City College	13, Mirzapore Street	...	ditto	ditto
1661	Mozoomdar, Ashootosh	Assistant, Board of Revenue	2, Bankshall Street	...	ditto	ditto
1662	Mozoomdar, Chundy Churn	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	...	ditto	ditto
1663	Mozoomdar, Gopal Chunder	Inhabitant	Baranusee Ghoses Street	...	ditto	ditto

No.	Names.	Style or Calling	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
M						
1664	Mozoomdar, Kali Prosunno	Sub-Engineer, Garrison Engineer's Office.	Fort William	India	Hindoo	
*1665	Mozoomdar, Mohendro Nath	Clerk, Office of Accountant-General, Public Works Department.	Loudon's Buildings	ditto	ditto	
1666	Mozoomdar, M L	Accountant, Mokerjee, Clark & Co	5, Commercial Buildings	ditto	ditto	
1667	Mozoomdar, Troylukanath	Head Clerk, Office of Private Secretary to His Excellency the Viceroy.	6, Council House Street...	ditto	ditto	
1668	Mutammad, Zubural Haq	Landholder	15, Golam Soban's Lane	ditto	Mahomedan	
1669	Mullick, Anunto Kissen	Assistant, Controller's Office, E I R...	E I R House	ditto	Hindoo	
1670	Mullick, Aptap Chunder	Inhabitant, Beadon Street	Simla	ditto	ditto	
1671	Mullick, Bana Mali	4th Assistant, Office of the Director of Public Instruction.	Writers' Buildings	ditto	ditto	
1672	Mullick, Behary Lall	Assistant, George Henders in & Co.	100, Clive Street	ditto	ditto	
1673	Mullick, Bepin Behary	Assistant, Board of Revenue	2, Banksball Street	ditto	ditto	
1674	Mullick, Gopal Chunder	Firm of Mullick & Co.	37, Swallow Lane	ditto	ditto	
1675	Mullick, Gopal Chunder	Banian, Mitchell, Reid & Co	3, Fairlie Place	ditto	ditto	
1676	Mullick, Gora Cuand	Assistant, Marquart, Lehzen & Co	135, Canning Street	ditto	ditto	
1677	Mullick, Girish Chunder	3rd grade Bulion Superintendent, Calcutta Mint.	Strand	ditto	ditto	
1678	Mullick, Jadunath	4th Class Assistant, Office of Examiner of Commissariat and Remount Accounts.	Kailab Ghât	ditto	ditto	
1679	Mullick, Jogendro Nath	Zemindar.	Mooktaram Babo's Street	ditto	ditto	
1680	Mullick, Kanye Lall	Assistant, Gisborne & Co	Strand	ditto	ditto	
1681	Mullick, Kanye Lall	Assistant, Graham & Co	9, Clive Street	ditto	ditto	
1682	Mullick, Manick Lall	Assistant, Grindlay & Co	11, Hastings Street	ditto	ditto	
1683	Mullick, Nobo Coomar	Cash-keeper, Grindlay & Co	Ditto	ditto	ditto	

1684	Mullick, Odoito Churn	...	Stationery-keeper, Office of Superintendent, Government Printing.	8, Ditto	...	ditto
1685	Mullick, Perm Chand	...	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	...	ditto
1686	Mullick, Protab Chunder	...	Inhabitant, Beadon Street	Simla	...	ditto
1687	Mullick, Radhagovind	...	Sheristadar, Legal Remembrancer's Office.	High Court Buildings	...	ditto
1688	Mullick, Sree Gopal	...	Inhabitant of Calcutta	Putuldanga	...	ditto
1689	Mullick, Woodub Chunder	...	Assistant, Gladstone, Wylie & Co	Clive Street	...	ditto
1690	Mundle, Radha Bullub	...	Assistant, John Elliott & Co	4, Clive Street	...	ditto
1691	Munshi, Abdul Wahid	...	Native Engraver, Engraving Office, Survey of India Offices.	13, Wood Street	...	Mahomedan
1692	Munshi, Nabi Baksh	...	Draftsman, Drawing Office, Survey of India Offices.	Ditto	...	ditto
1693	Munshi, Sonaulah	...	Ditto,	Ditto	...	ditto
1694	Muttylall, Sham Lall	...	Inhabitant	Bow Bazar, Mullunga	...	Hindoo
N						
*1695	Najaf Ali	...	Translator, Foreign Office	Coun il House Street	...	Mahomedan
1696	Neogy, Chunder Nath	...	Clerk, Pay Examiner's Office	2, Kollah Ghât Street	...	Hindoo
1697	Neogy, Kenaram	...	Sub-Conductor, Agent for Government Consignments.	5, Strand	...	ditto
1698	Neogy, R D	...	Assistant, Firm of J. Anderson & Co	7, China Bazar Lane	...	ditto
1699	Neogy, Sreenath	...	Writer, Mackenzie, Lyall & Co	Lyons Range	...	ditto
*1700	Neogy, Sarveswar	...	Assistant, Revenue and Agricultural Department.	Louzon's Buildings	...	ditto
1701	Nundy, Amrto Lall	...	4th Class Assistant, Office of Examiner of Commissariat and Remount	Kollah Ghât	...	ditto

No.	Names	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
N						
1702	Nasserwanjee Sorabjee	Assistant, F. W. Heilgers & Co	136, Canning Street	India	Parsee	
1703	Nundy, Goono Madub	Assistant, Wyman & Co	10, Hare Street	ditto	Hindoo	
1704	Nundy, Iswar Chunder	Assistant, Board of Revenue	2, Bankshall Street	ditto	ditto	
1705	Nundy, Ram Tarun	Assistant, George Henderson & Co	100, Olive Street	ditto	ditto	
O						
1706	Oonwalla, Hormasjee Framjee.	Assistant, Finlay, Muir & Co	21, Canning Street	ditto	Parsee	
1707	Ocnvala, M F	Head Assistant, Bengal Office, Financial Department	Writers' Buildings	ditto	ditto	
P						
1708	Paramanick, Muttu Lall	Assistant, Peel, Jacob & Co	12, Olive Street	ditto	Hindoo	
*1709	Paul, Durga Churn	Assistant, Home Department	Government Place	ditto	ditto	
1710	Paul, Dwarkanath Sr.	Assistant, National Bank of India, Limited.	3, Council House Street	ditto	ditto	
1711	Paul, Gunganarain	Assistant, Bengal Office, General Department.	Writers' Buildings	ditto	ditto	
*1712	Paul, Judoonath	Clerk, Office of Accountant-General, Public Works Department,	London's Buildings	ditto	ditto	
1713	Paul, K K	Assistant, J Anderson & Co	7, China Bazar Lane	ditto	ditto	
1714	Paul, Kamikhanath	Master, Government School of Art	163, Bow Bazar Street	ditto	ditto	
1715	Paul, Mudun Gopal	Cashier, National Bank of India, Limited.	3, Council House Street	ditto	ditto	
*1716	Paul, Nundo Lall	Assistant, Bengal Office, Judicial, Political, and Appointment Departments.	Writers' Buildings	ditto	ditto	

1717	Paul, Obhoy Churn	... 4th Master, Hindu School	... College Square	...	ditto	ditto
1718	Paul, Prosunno Coomar	... 3rd grade Accountant, office of Examiner of Public Works Accounts, Bengal.	... of 8, Lyons Range	...	ditto	ditto
1719	Paul, Shama Churn	... 3rd Class Assistant, Office of Examiner of Commissariat and Remount Accounts.	... Koilah Ghat	...	ditto	ditto
1720	Paulet, Mohendrouath	... Landholder	... Dhurumtollah	...	ditto	ditto
1721	Panwelker, Bhasker shiva	... 4th Class Clerk, Office of Examiner of Marine Accounts.	... Koilah Ghat Street	...	ditto	ditto
1722	Paddar, Shoshee Ooomar	... Firm of Dutt & Co	... 7, Lyons Range	...	ditto	ditto
1723	Pyne, Bepin Behary	... Assistant, Graham & Co	... 9, Clive Street	...	ditto	ditto
1724	Pyne, Keshub Lall	... Cash-keeper, Thomas, Duff & Co, Limited.	... 15, Clive Row	...	ditto	ditto
1725	Pyne, Lal Mohun	... Assistant, Bengal Office, Public Works Department.	... Writers' Buildings	...	ditto	ditto
1726	Pyne, Nilmoney	... Clerk, Begg, Dunlop & Co	... 12, Mission Row	...	ditto	ditto
1727	Pyne, Radha Raman	... 2nd Class Clerk, Bengal Accountant General's Office.	... Treasury	...	ditto	ditto
R						
1728	Rohman, Khalibar	... Assistant, Legislative Department	... Legislative Department Office.	...	ditto	Mahomedan
1729	Boodro, Bany Madhub	... Inhabitant	... Cornwallis Street, Pookoor.	Roy	ditto	Hindoo
1730	Roodro, Dwarknath	... Assistant, Office of Superintending Engineer, Eastern Circle.	... Writers' Buildings	...	ditto	ditto
1731	Roy, Bidhu Bhusan Singha	... 2nd Clerk, Office of Sanitary Commissioner for Bengal	... Ditto.	...	ditto	ditto
*1732	Roy, B N	... Clerk, Foreign Office	... Council House Street	...	ditto	ditto

No.	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
R						
1733	Roy, C	... Assistant, Bird & Co	... Strand Road	India	Hindoo	
*1734	Roy, Gopal Chunder	... Assistant, Finance and Commerce Department	... Treasury Buildings	ditto	ditto	
1735	Roy, Gungabisto Bahadoor).	... Inhabitant	... Gooroprosad Chowdry's Lane.	ditto	ditto	
1736	Roy, Harro Lall	... 2nd Master, Hindoo School	... College Square	ditto	ditto	
1737	Roy, Hury Mohun	... Inhabitant	... Amherst Street	ditto	ditto	
1738	Roy, Jogendronath	... Assistant, Bengal Office, General Department.	... Writers' Buildings	ditto	ditto	
1739	Roy, Jogesh Chundra	... Assistant Professor, Madrasa.	Calcutta Calcutta Madrasa	ditto	ditto	
1740	Roy, Khengdro Nath	... Inhabitant	... Jogodish Nath Roy's Lane, Simla.	ditto	ditto	
1741	Roy, Krishna Chunder	... 2nd Teacher, Hare School	... College Square	ditto	ditto	
1742	Roy, Kristo Das	... Inhabitant	... C lootollah	ditto	ditto	
1743	Roy, Mehendromath	... Assistant to Supdt. of Loans, Bank of Bengal.	... Strand	ditto	ditto	
1744	Roy, Nitya Gojal	... Sanskrit Teacher, City School, S Branch.	... Collegiate 62, Grey Street	ditto	ditto	
1745	Roy, Mutty Lall	... Inhabitant	... Colootollah	ditto	ditto	
*1746	Roy, Permeshur	... Assistant, Home Department	... Government Place	ditto	ditto	
1747	Roy, Polin Chunder	... Broker	... Commercial Buildings	ditto	ditto	
1748	Roy, P N	... Clerk, Foreign Office	... Council House Street	ditto	ditto	
1749	Roy, Saroda Prosad	... Assistant, Ernsthausen & Co	... 2 & 3, Clive Row	ditto	ditto	
1750	Roy, Saroda Prosad	... Assistant, Board of Revenue	... 2, Bankshall Street	ditto	ditto	
1751	Roy, Saroda Prosad	... Assistant, Williamson, Magor & Co	... 4, Mangoe Lane	ditto	ditto	

1752	Roy, Saroda Ranjan	...	Professor Metropolitan Institution	22, Sanker Ghose's Lane, Bar Simla.	ditto	ditto
1753	Roy, Satis Chandra	...	Professor, City College	13, Mirzapore Street	ditto	ditto
1754	Roy, Uma Pada	...	Teacher, ditto	Ditto	ditto	ditto
1755	Roy, W C	...	Assistant, Charles Gould & Co	13-1, Government Place, East.	ditto	ditto
1756	Roy, Chowdhry, Jogendro Chunder.	...	Assistant, General Department, Office of Inspector-General of Jails.	New Writers' Buildings	ditto	ditto
1757	Ruckhit, Brojomohun	...	Chief Observer, Alipore Observatory	Alipore Observatory	ditto	ditto
1758	Ruckhit, Hem Chundra	...	Clerk, Office of Examiner of Accounts, P W D	E I R House	ditto	ditto
S						
1759	Sanyal, Chundra Mohun	...	3rd class Supdt, Bengal Accountant-General's Office.	Treasury	ditto	ditto
1760	Sanyal, Kristo Dass	...	Assistant, Anderson, Wright & Co	22, Strand	ditto	ditto
1761	Saraswati, Annada Prasad	...	Pundit, City College	13, Mirzapore Street	ditto	ditto
1762	Seal, Ashootosh	...	Clerk, Hart and Sibthorp	1, Lall Bazar Street	ditto	ditto
1763	Seal, Babary Lall	...	Assistant, Office of Inspector-General of Ordnance, Bengal Circle.	Kolah Ghat	ditto	ditto
1764	Seal, Dyal Chand	...	Cashier, Commercial Union Assurance Company, &c.	25, Dalhousie Square	ditto	ditto
1765	Seal, Gopal Lall	...	Pleader, Calcutta Police Court	Police Court Building	ditto	ditto
1766	Seal, Hurry Mohun	...	Assistant, Gullanders, Arbutnot & Co	8, Clive Street	ditto	ditto
1767	Seal, Narendro Nath	...	Assistant, Board of Revenue	2, Backshall Street	ditto	ditto
1768	Seal, Panchowrie	...	Cashier, Gullanders, Arbutnot & Co	8, Clive Street	ditto	ditto
1769	Seal, Ramchand	...	Assistant, Gullanders, Arbutnot & Co	ditto	ditto	ditto
1770	Seal, Russick Lall	...	Assistant, Piggott Chapman & Co	1, Clive Row	ditto	ditto
1771	Seal, Sosee Bhuon	...	Ditto	Ditto	ditto	ditto
1772	Seal, Toolseedas	...	Assistant, Finlay, Muir & Co	21, Canning Street	ditto	ditto

No.	Names.	S		Style or Calling	Residence or Place of Business.		Native Country	Religion.	Remarks.
				
1773	Sen, Amerto Lall	...	Assistant, O Steel & Co	...	14, Old Court Street.	House	India	Hindoo	
1774	Sen, Bipin Behary	...	Assistant, Bissonath Law & Co	...	Larkin's Lane	...	ditto	ditto	
1775	Sen, Brojo Lall	...	Supervisor, Office of Examiner of Army Clothing Accounts.	...	Kollah Ghât Street	...	ditto	ditto	
1776	Sen, Brojo Lall	...	2nd class Clerk, Office of Examiner of Public Works Accounts, Bengal.	...	8, Lyons Range	...	ditto	ditto	
1777	Sen, Bycuntonath	...	Inhabitant	...	Matha Ghussa Gully	...	ditto	ditto	
1778	Sen, Chundi Churn	...	Assistant, Bengal Office, General Department.	...	Writers' Buildings	...	ditto	ditto	
1779	Sen, Chundra Bhusan	...	Clerk, Comptroller-General's Office	...	Treasury	...	ditto	ditto	
1780	Sen, Dwarkanath	...	Inhabitant	...	Matha Ghussa Gully, Jorasanko.	...	ditto	ditto	
1781	Sen, Hurrydass	...	Assistant, G E Hotel Co, Ltd	...	G E Hotel Co, Ltd	...	ditto	ditto	
1782	Sen, Hurryhur	...	Draftsman, Drawing Office, Survey of India Offices.	...	13, Wood Street	...	ditto	ditto	
1783	Sen, Kaliprosono	...	Cashier, Office of Superintendent of Government Printing.	...	8, Hastings Street	...	ditto	ditto	
1784	Sen, Krishna Chunder	...	Assistant, Office of Secretary to the Government of Bengal, Public Works Department.	...	Writers' Buildings	...	ditto	ditto	
1785	Sen, Kristo Kiores	...	Inhabitant	...	Chorebagan	...	ditto	ditto	
* 1786	Sen, Mohendronath	...	Assistant, Finance and Commerce Department.	...	Treasury Building	...	ditto	ditto	
1787	Sen, Nobin Chunder	...	Assistant, Ernsthausen & Co	...	2 & 3, Clive Row	...	ditto	ditto	
1788	Sen, Nobin Krishna	...	Assistant, Emigration Office	...	14, Russell Street	...	ditto	ditto	
1789	Sen, Preonath	...	4th class Clerk, Military Department	...	Military Department	...	ditto	ditto	
1790	Sen, Pree Lall	...	Treasurer, Calcutta Collectorate	...	4, Banksall Street	...	ditto	ditto	

1791	Sen, Roma Nath	Superintendent, Comptroller-General's Office.	Treasury	...	ditto	ditto
1792	Sen, Romanath	Accountant, Calcutta Collectorate	4, Bankshall Street	...	ditto	ditto
1793	Sen, Saroda Persad	Head Clerk General, Office of Inspector-General of Jails.	Writers' Buildings	...	ditto	ditto
1794	Sen, Sasibhusan	Head Master, Sanskrit College	College Square	...	ditto	ditto
1795	Sen, Woomanarain	Assistant, Barlow & Co	5, Clive Ghat Street	...	ditto	ditto
1796	Sett, Dhane Bulloy	Professor, Albert College	15, College Square	...	ditto	ditto
1797	Sett, Woodoy Chand	Inhabitant	Jorasanko	...	ditto	ditto
1798	Sham Rao, Gunput	Superintendent, Office of Examiner of Marine Accounts.	Koilah Ghat Street	...	ditto	ditto
1799	Shaw, Joykristo	Native Engraver, Engraving Office, Survey of India Offices.	13, Wood Street	...	ditto	ditto
1800	Shaw, Khetter Mohun	Broker	Chorebagan	...	ditto	ditto
1801	Shaw, Kylas Chunder (jur.)	ditto	ditto	...	ditto	ditto
1802	Shaw, Moresh Chunder	Draftsman, Drawing Office, Survey of India Offices.	13, Wood Street	...	ditto	ditto
1803	Shaw, Pran Kissen	Sree Kissen Shaw and Brothers	219, Old China Bazar	...	ditto	ditto
1804	Shome, Sham Lal	Head Assistant, Presidency Pay Office	Koilah Ghat Street	...	ditto	ditto
1805	Shome, Suresh Chunder	Clerk, Pay Examiner's Office	2, ditto	...	ditto	ditto
1806	Showkat Ali	Trader	Upper Circular Road	...	ditto	Mahomedan
1807	Sing Angore Nath	Assistant, Ernsthausen & Co	2 & 3, Clive Row	...	ditto	Hindoo
1808	Sing, Brojo Gopal	General Assistant, Office of Superintendent, Government Printing.	8, Hastings Street	...	ditto	ditto
1809	Sing, Ketter Mohun	Inhabitant	15, Rajendro Nath Sen's Lane, Kassaripara.	...	ditto	ditto
*1810	Sircar, Charoo Chunder	Assistant, Home Department	Government Place	...	ditto	ditto
1811	Sircar, Denonath	Assistant, J. Anderson & Co	7, China Bazar Lane	...	ditto	ditto

No.	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
S						
1812	Sircar, Hem Chunder	... Treasurer, Office of Private Secretary to the Viceroy.	6, Council House Street ...	India	Hindoo.	
1813	Sircar, H C	... Assistant, J Anderson & Co	... 7, China Bazar Lane	ditto	ditto	
1814	Sircar, Nunda Lall	... 2nd class Clerk, Bengal Accountant-General's Office.	Treasury	ditto	ditto	
1815	Sircar, Okboy Coomar	... Clerk, Office of Private Secretary to the Viceroy.	6, Council House Street ...	ditto	ditto	
1816	Sircar, Ram Dass	... Clerk, Comptroller-General's Office	... Treasury	ditto	ditto	
1817	Sircar, Wooma Churn	... Sirkar, Firm of Mackenzie, Lyall & Co	Lyons Range	ditto	ditto	
1818	Soor, Kedar Nath	... Assistant, Agra Bank, Limited	... 26, Mangoe Lane	ditto	ditto	
1819	Sukul, Kali Sunker	... Professor, City College	... 13, Mirzapore Street	ditto	Brahmo	
T						
1820	Thakoor, Debendronath	... Inhabitant	... Pathooriaghatta	ditto	Hindoo	
V						
1821	Vidharatna, Barodakanto	... Pundit, City College	... 13, Mirzapore Street	ditto	ditto	
1822	Vidyasagura, Jibananda	... Free Sanskrit College	... 2, Romanath Mozumdar's Street.	ditto	ditto	
W						
1823	Wahid Hussain Saiyyid	... Clerk, Foreign Office	... Council House Street	ditto	Mahomedan	
1824	Woozeer Ali	... Inspector to the Corporation to the Town of Calcutta.	... Municipal Office	ditto	ditto	

NOTE.—The Jurymen whose names are marked with asterisks are available only during the months of December, January, February and March.

J. G. APCAR,
Clerk of the Court.

SPECIAL JURY LIST.

List of persons liable to serve on Special Juries in the High Court of Judicature at Fort William in Bengal, for the year ensuing from 1st May 1888, pursuant to Act X of 1882.

No.	Names.	Style or Calling.	Residence or Place of Business	Native Country.	Religion.	REMARKS.
1	Agnew, H de O	Firm of Macneil & Co	... 1-2, Clive Ghat Street	Great Britain	Christian	Errors in name and description can be corrected on communication to the office of the Clerk of the Crown. Persons claiming exemption should communicate their claim and grounds thereof to the Clerk of the Crown as soon as possible after service of summons and also should any person summoned and unable to attend for any cause, stating the cause, so that if sufficient cause is shown, the Sheriff may be directed to summon another jurymen.
2	Aitchison, F	Firm of Burn & Co	... 7, Hastings Street	ditto	ditto	
3	Aitken, W R T	Firm of J Elliott & Co	... 4, Clive Street	ditto	ditto	
4	Anderson, G G	Firm of Williamson, Magor & Co	... 4, Maugre Lane	ditto	ditto	
5	Anderson, J A	Firm of Anderson, Wright & Co	... 22, Strand Road	ditto	ditto	
6	Anderson, T S	ditto ditto	... ditto	ditto	ditto	
7	Anderson T W	Firm of Macknight, Anderson & Co	... Fairlie Place	ditto	ditto	
8	Antram, A B	Manager, P G S L A Co, Ld	... 104, Clive Street	ditto	ditto	
9	Apcar, Apcar A	Firm of Apcar & Co	... Radha Bazar	ditto	ditto	
10	Arthur, A	Firm of Finlay Muir & Co	... 21, Canning Street	ditto	ditto	
11	Avetoom, C T	Merchant	... 2, Lindsay Street	ditto	ditto	
B						
12	Balfour, H T	Superintendent of Loans, Bank of Bengal.	... Bank of Strand	ditto	ditto	
13	Balfour, L C	Agent, Hongkong and Shanghai Banking Corporation.	... 2, Mangoe Lane	ditto	ditto	
14	Battersby, R	Chief Paymaster, E I R	... E I R House	ditto	ditto	
15	Bell-Irving, W O	Firm of Jardine, Skinner & Co	... 4, Clive Row	ditto	ditto	
16	Blackwood, J (Jr)	Firm of Blackwood, Blackwood & Co...	... 104, Canning Street	ditto	ditto	
17	Booth, W	Professor, Presidency College	... College Square	ditto	ditto	
18	Brock, Charles	Firm of Mackenzie, Lyall & Co	... Lyons Range	ditto	ditto	

No.	Name.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
B						
19	Browne, S Gore	1st Assistant to the Chief Auditor, East Indian Railway.	E I R House	Great Britain	Christian.	
20	Browne, W A	Firm of Browne, Lovelock and Leves	4, Commercial Buildings ..	ditto	ditto	
C						
21	Cable, E	Firm of Bird & Co	39, Strand Road	ditto	ditto	
22	Carritt, Alfred	Firm of Carritt & Co	9, Mission Row	ditto	ditto	
23	Chapman, A W	Firm of Pigot, Chapman & Co	1, Clive Row	ditto	ditto	
24	Clark, J B	Firm of Landale and Clark	12, Clive Row	ditto	ditto	
25	Clarke, S E J	Secretary, Chamber of Commerce	102, Clive Street	ditto	ditto	
26	Cloete, H	Executive Engineer, 1st Calcutta Division.	Writers' Buildings	Cape of Good Hope.	ditto	
27	Cobb, A B	Vice Consul-General, U S A	2, Pollock Street	American	ditto	
28	Cogswell, W H	Firm of W Haworth & Co	4, Mission Row	Great Britain	ditto	
29	Colville, W B	Firm of Bird & Co	39, Strand Road, North	ditto	ditto	
30	Cotton, W G L	Executive Engineer, Northern Drainage and Embankment Division.	Writers' Buildings	ditto	ditto	
31	Craik, W	Firm of Geo. Henderson & Co	100, Clive Street	ditto	ditto	
32	Creaton, W E	Firm of Mackenzie, Lyall & Co	Lyons Range	ditto	ditto	
33	Cumberlege, F H	Firm of Carritt & Co	9, Mission Row	ditto	ditto	
34	Currie, William	Firm of Mackinnon, Mackenzie & Co	16, Strand	ditto	ditto	
D						
35	Daniell, E C	Firm of Halford, Smith & Co	5, Fairlie Place	ditto	ditto	
36	Dawson, C S	Firm of Dawson & Ormiston	5-6, Hare Street	ditto	ditto	
37	Denham, C H	Chief Engineer, F I Ry	E I R House	ditto	ditto	

38	Dickson, D A	...	Firm of Norman Brothers	...	4, Lyons Range	...	ditto
39	Dickson, G	...	Firm of Macneill & Co	...	1-2, Clive Ghat Street	...	ditto
40	Dickson, J G	...	Firm of Gladstone, Wyllie & Co	...	101, Clive Street	...	ditto
41	Douglas, J	...	Examiner of P W D Accounts	...	E I R House	...	ditto
42	Douglas, S K	..	Firm of Carlises, Nephews & Co	..	2-7, Lall Bazar Street	...	ditto
E							
43	Eliot, John	...	Officiating Meteorological Reporter to the Government of India.	...	5, Russell Street	...	ditto
44	Elliott, E	..	Firm of John Elliott & Co	...	4, Clive Street	...	ditto
F							
45	Fitze, W H	...	Firm of B Smyth & Co	...	1, New China Bazar Street.	...	ditto
46	Forest, T	...	Banker, Chartered Bank of India, &c.	...	5, Council House Street...	...	ditto
47	Fyfe, W C	...	Firm of Mackenzie, Lyall & Co	...	Lyons Range	...	ditto
G							
48	Gladstone, H N	...	Firm of Gillanders, Arbuthnot & Co...	...	5 to 8, Clive Street	...	ditto
49	Gordon, G E	...	Firm of Gladstone, Wyllie & Co	...	101, Clive Street	...	ditto
50	Gowenlock, J N	...	Firm of Jessop & Co	...	25, Strand Road, North...	...	ditto
H							
51	Halford, C S	...	Firm of Halford, Smith & Co	...	5, Fairlie Place	...	ditto
52	Hallet, H W	...	Firm of Watts & Co	...	Wellesley Place	...	ditto
53	Hamilton, E L	...	Firm of Hoere, Miller & Co	...	38, Strand Road	...	ditto
54	Hamilton, L B	...	Firm of Blacker & Co	...	102, Clive Street	...	ditto
55	Hamilton, T F	...	Firm of Ewing & Co	...	7-1, Lyons Range	...	ditto
56	Hanlon, J W	...	Superintendent, Jail Manufactures	...	Writers' Buildings	...	ditto

No.	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
H						
57	Hay, John	Firm of Mitchell, Reid & Co	... 3, Fairlie Place	... Great Britain	Christian	
58	Henderson, J	Firm of George Henderson & Co	... Clive Street	... ditto	ditto	
59	Henderson, Thomas	Firm of Duncan Brothers	... 14, Clive Street	... ditto	ditto	
60	Hepburn, J R	Firm of Ker, Dods & Co	... 81, Clive Street	... ditto	ditto	
61	Hickie, E	Secretary, Trades Association	... Dalhousie Square	... ditto	ditto	
62	Hills, C R	Firm of J Thomas & Co	... 8, Mission Row	... ditto	ditto	
63	Hitch, W E	Accountant, National Bank of India,...	... 3, Council House Street	... ditto	ditto	
64	Hodgson, G C	Firm of Hodgson and Taylor	... 13, Grant's Lane	... ditto	ditto	
65	Horne, J	Firm of Horne, Dunlop & Co	... 79, Clive Street	... ditto	ditto	
66	Howe, R T	Chief Superintendent, Comptroller-General's Office.	Treasury	... ditto	ditto	
J						
67	Jourdain, C B	Exchange Broker	... 1, Commercial Buildings	... ditto	ditto	
K						
68	Kemp, G L	Secretary, Standard Life Assurance Co	27, Dalhousie Square	... ditto	ditto	
69	Ker, Andrew J	Manager, King, Hamilton & Co	... Hare Street	... ditto	ditto	
70	King, F. St. Aubyn	Firm of Meugens and King, Public Accountant.	5-1, Council House Street	... ditto	ditto	
71	Knight, Paul	Manager, Statesman	... 3, Chowringhee	... ditto	ditto	
L						
72	Landale, A	Firm of Landale and Clark	... 12, Clive Row	... ditto	ditto	
73	Landale, David	Firm of Skinner and Co	... 1, Commercial Buildings	... ditto	ditto	
74	Larmour, C. F.	Firm of E. Lazarus & Co.	... Bentinck Street	... ditto	ditto	
75	Lewes, J H	Firm of Browne, Lovelock and ^{LAWSON}	4, Commercial Buildings	... ditto	ditto	

76	Little, O	...	Professor, Presidency College	...	College Square	...	ditto
77	Longley, E F	...	Secretary, Great Eastern Hotel Co, Ld	...	Great Eastern Hotel Co, Ld	...	ditto
78	Longmuir, Thos.	...	Manager, Delhi and London Bank, Limited.	...	4, Council House Street...	...	ditto
79	Lovelock, A S	...	Firm of Browne, Lovelock and Lewes	...	4, Commercial Buildings	...	ditto
80	Lyall, R A	...	Firm of Lyall, Marshall & Co	...	4, Clive Ghat Street	...	ditto
81	Lyell, G	...	Firm of Macneill & Co	...	1-2, Clive Ghat Street	...	ditto
M							
82	Macdonald, A	...	Editor, <i>Englishman</i>	...	9, Hare Street	...	ditto
83	Macdonell, A	...	Professor, Presidency College	...	College Square	...	ditto
84	Macfadyen, J	...	Firm of Schoene, Kilburn & Co	...	4, Fairlie Place	...	ditto
85	MacGregor, R D	...	Firm of Duncan Brothers	...	14, Clive Street	...	ditto
86	Mackay, J L	...	Firm of Mackinnon, Mackenzie & Co	...	16, Strand	...	ditto
87	Mackenzie, D F	...	Firm of Macneill & Co	...	1-2, Clive Ghat Street	...	ditto
88	Mackenzie, R O S	...	Chief Auditor, E I R	...	E I R House	...	ditto
89	Mackillican, James	...	Firm of Mackillican & Co	...	7, Courch Lane	...	ditto
90	Macleod, H H	...	Superintendent, Bengal Coal Co	...	1, Garstin's Place	...	ditto
91	Macnair, J F	...	Firm of Begg, Dunlop & Co	...	12, Mission Row	...	ditto
92	Mactavish D	...	Firm of W B Mactavish & Co	...	27, Dalhousie Square	...	ditto
93	Mactavish, W B	...	Broker	...	Ditto	...	ditto
94	Mandy, J C	...	Firm of B Smyth & Co	...	1, New China Bazar Street	...	ditto
95	Marshall, E J	...	Firm of Lyall, Marshall & Co	...	4, Clive Ghat Street	...	ditto
96	Martin, T A	...	Firm of Walsh, Lovett & Co	...	39, Jackson Ghat Street	...	ditto
97	Massey, M	...	Firm of Massey and Drysdale	...	3, Commercial Buildings	...	ditto
98	Maxwell, J D	...	Firm of Ketiewell, Bullen & Co	...	5, Mission Row	...	ditto
99	McCaw, W J M	...	ditto	...	ditto	...	ditto
100	McInnes, H R	...	Firm of J Thomas & Co	...	8, Mission Row	...	ditto

<i>No.</i>	<i>Names.</i>	<i>Style or Calling.</i>	<i>Residence or Place of Business.</i>	<i>Native Country.</i>	<i>Religion.</i>	<i>REMARKS.</i>
M						
101	McKewan, W H	... Manager, Kelly & Co	... 4, Lyons Range	... Great Britain	Christian	
102	Meugeus, J G H	... Firm of W Moran & Co	... 3, Mangoe Lane	... ditto	ditto	
103	Milne, James	... Firm of Bird & Co	... 39, Strand Road, North	... ditto	ditto	
104	Mitchell, J M	... Firm of Mitchell and Waller	... 13, Old Post Office Street	... ditto	ditto	
105	Moran, S	... Firm of W Moran & Co	... 3, Mangoe Lane	... ditto	ditto	
106	Morgan, D	... Firm of Landale and Morgan	... 12, Clive Row	... ditto	ditto	
107	Morgan, R	... ditto ditto	... ditto	... ditto	ditto	
108	Murray, J C	... Firm of Kettlewell, Bullen & Co	... 5, Mission Row	... ditto	ditto	
109	Murray, R	... Agent, Chartered Mercantile Bank of India, &c.	23, Dalhousie Square	... ditto	ditto	
110	Morris, Charles	... Manager, firm of John Fowler & Co (Leeds), Ltd.	3, Russell Street	... ditto	ditto	
N						
111	Napier, J R	... Manager, <i>Indian Daily News</i>	... 19, British Indian Street	... ditto	ditto	
112	Nicol, J Dyce	... Firm of Dyce, Nicol & Co	... 3, Commercial Buildings	... ditto	ditto	
113	Norman, G	... Firm of Norman Brothers	... 4, Lyons Range	... ditto	ditto	
O						
114	Oates, J	... Controller of Stores, E I R	... E I R House	... ditto	ditto	
115	Ogbourne, C H	... Manager and Under-writer, Commercial Union Assurance Co	29, Dalhousie Square	... ditto	ditto	
116	Ormiston, G A	... Firm of Dawson and Ormiston	... 5 & 6, Hare Street	... ditto	ditto	
107	Osmond, W M	... Firm of Mackintosh, Burn & Co	... 8, Esplanade Row	... ditto	ditto	
108	Ottewill, H T	... Manager, Thacker, Spink & Co	... 5, Government Place	... ditto	ditto	

P

119	Parsons, William	...	Manager, Peel, Jacob & Co	...	12, Clive Street	...	ditto
120	Paterson, J	...	Manager, New Oriental Bank Corporation, "Limited."	...	1, Clive Street	...	ditto
121	Patteson, F E	...	Firm of Hoare, Miller & Co	...	38, Strand	...	ditto
122	Pedler, A	...	Offg. Meteorological Reporter to the Government of Bengal.	...	5, Russell Street	...	ditto
123	Percival, H M	...	Professor, Presidency College	...	College Square	...	India ditto
124	Petrie, W W	...	Firm of W Vale King & Co	...	3, Clive Ghât Street	...	Great Britain ditto
125	Pigott, W	...	Firm of Pigott, Chapman & Co	...	4, Lyons Range	...	ditto ditto
126	Playfair, P	...	Firm of Barry & Co	...	5, ditto	...	ditto ditto
127	Pratt, H	...	Manager and Agent, F and C Osler	...	12, Old Court House Street.	...	ditto ditto

R

128	Rainford, A	...	Firm of Jessop & Co	...	25, Strand Road, North...	...	ditto ditto
129	Read, Edward	...	Firm of Dykes & Co	...	Waterloo Street,	...	ditto ditto
130	Reily, G M	...	Manager, Land Mortgage Bank	...	Bankshall Street	...	ditto ditto
131	Remfry, R Y	...	Firm of Hamilton & Co	...	8, Old Court House Street	...	ditto ditto
132	Ross, R M	...	Bill Broker	...	Bengal Club	...	ditto ditto
133	Rost, H J	...	Agent, Cutler Palmer & Co	...	10, Hare Street	...	ditto ditto
134	Rothney, G A J	...	Manager, John Dickinson & Co Ltd...	...	7, New China Bazar Street.	...	India ditto

135 Rowe, F J

S

135	Rowe, F J	...	Professor, Presidency College	...	College Square	...	Great Britain ditto
136	Saunders, J O'B	...	Managing Proprietor, <i>Englishman</i>	...	9, Hare Street	...	ditto ditto
137	Sawyer, E S	...	Firm of Pigott, Chapman & Co	...	1, Clive Row	...	ditto ditto
138	Schollay, P J	...	Firm of Voigt & Co	...	1, Lall Bazar Street	...	ditto ditto
139	Shaw, R Simpson	...	Banker, Chartered Bank of India, Australia, and China.	...	5, Council House Street...	...	ditto ditto

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S						
140	Simson, A	...	Firm of Schœne, Kilburn & Co	...	4, Fairlie Place	...
141	Skinner, John	...	Firm of Skinner & Co	...	Commercial Buildings	...
142	Smellie, S N	...	Broker	...	Swallow Lane	...
143	Smith, C M	...	Firm of Smith, Ross & Co	...	102, Clive Street	...
144	Smith, W	...	General Manager, Thomas & Co.	...	15, Clive Row	...
145	Smith, W A	...	Firm of Burn & Co	...	7, Hastings Street	...
146	Smyth, C E	...	Firm of Turner, Morrison & Co	...	6, Lyons Range	...
147	Spink, T W	...	Firm of Thacker, Spink & Co	...	5, Government Place	...
148	Stack, G. A	...	Professor, Presidency College	...	College Square	...
149	Stanley, E J	...	Firm of E J Stanley & Co	...	1, Lall Bazar	...
150	Stevenson, J	...	Firm of Graham & Co	...	9, Clive Street	...
151	Stewart, J G	...	Firm of Bird & Co	...	39, Strand Road, North...	...
152	Struthers, A B	...	Firm of Struthers & Co	...	2, Commercial Buildings	...
153	Sutherland, A B	...	Merchant	...	6, ditto	...
T						
154	Tawney, Charles H	...	Principal, Presidency College	...	College Square	...
155	Taylor, H A C	...	Firm of Hodgson and Taylor	...	13, Grant's Lane	...
156	Taylor, J	...	Assistant Comptroller-General (Forest.)	...	Treasury	...
157	Terveen, W	...	Firm of Terveen, Sinclair & Sandell	...	Clive Street	...
158	Thomas, J P	...	Firm of J. Thomas & Co	...	8, Mission Row	...
159	Thomas, R E S	...	ditto	...	ditto	...
160	Thomas, W L	...	ditto	...	ditto	...
161	Toomey, J A	...	Manager, National Bank of India, Limited.	...	3, Council House Street...	...

162	Trail, D M	Wholesale Stationer	...	20, British Indian Street	ditto	ditto
163	Trelawny, E	Superintendent, P & O S N Co	...	19, Strand	ditto	ditto
164	Tremearne Shirley	Managing Director, G E Hotel, Co., Ltd.	.	G E Hotel Co Ltd.	ditto	ditto
165	Trotter, A E C	Firm of Trotter and Perman	.	135, Canning Street	ditto	ditto
166	Turner, J	Head Manager, W Vale King & Co	...	3, Olive Ghat Street	ditto	ditto
W						
167	Wagstaff, P	Secretary to the Agent, E I R	...	E I R House	ditto	ditto
168	Walker, G W	Firm of Gisborne & Co	.	40, Strand Road	ditto	ditto
169	Walker, T L	Firm of Mackintosh, Burn & Co	.	8, Esplanade Row	ditto	ditto
170	Walker, W	Firm of Finlay, Muir & Co	.	21, Canning Street	ditto	ditto
171	Wallace, C W	Firm of Shaw, Wallace & Co	.	3, Clive Street	ditto	ditto
172	Waller, J B	Firm of Mitchell & Waller	...	13, Old Post Office Street	ditto	ditto
173	Wallis, A H	Firm of Manton & Co	...	13, Old Court House Street.	ditto	ditto
174	Warnock, W	Firm of Mitchell, Reid & Co	...	3, Fairlie Place	ditto	ditto
175	Watson, A G	Firm of Williamson, Magor & Co	.	4, Mangoe Lane	ditto	ditto
176	Watson, Thomas	Firm of Thomas Watson & Co	.	1, Hare Street	ditto	ditto
177	Webb, W T	Professor, Presidency College	.	College Square	ditto	ditto
178	Whelan, H G	Assistant to Controller of Military Accounts.	...	Military Accounts Department Buildings.	India	ditto
179	Willie, C H	Firm of Graham & Co	...	9, Clive Street	Great Britain	ditto
180	Williamson, R	Firm of Finlay, Muir & Co	.	21, Canning Street	ditto	ditto
181	Williamson, R	Firm of Mackintosh, Burn & Co	.	8, Esplanade Row	ditto	ditto
182	Wood, W	Manager, Agra Bank, Ltd.	.	26, Mangoe Lane	ditto	ditto
183	Wood-Mason, J	Deputy Superintendent, Museum.	...	Chowringhee Road	ditto	ditto
184	Wylie, E D	Firm of Mackinnon, Mackenzie & Co	...	16, Strand Road	ditto	ditto

No	Names.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	Remarks.
X						
185	Young, James	...	Firm of Young & Co	...	Great Britain	Christian
186	Yule, David	...	Firm of Andrew Yule & Co	...	ditto	ditto
Z						
187	Zemin, D J	...	Secretary and Manager, W. Newman & Co, Ltd.	...	ditto	ditto
A						
188	Abdool Hye	...	Head Professor, Arabic Department, Calcutta Madrassa.	...	India	Mahomedan
189	Ahmad, Moulvi	...	Professor, Presidency College	...	ditto	ditto
B						
190	Banerjee, Barada Churn	...	Assistant, Mackinnon, Mackenzie & Co	...	ditto	Hindoo
191	Banerjee, Chundee Churn	...	Head Master, Hindu School	...	ditto	ditto
192	Banerjee, Prosono Coomar (Roy Bahadocr).	...	Honorary Assistant Engineer, First Calcutta Division.	...	ditto	ditto
193	Banerjee, Surendro Nath	...	Inhabitant	...	ditto	ditto
194	Bhuttacharjee, Khetter Nath	...	Civil Engineer	...	ditto	ditto
195	Bose, Boycunto Nath	...	Bullion Keeper, Mint	...	ditto	ditto
196	Bose, Debnarain	...	Panian	...	ditto	ditto
197	Bose, I C	...	Assistant Accountant-General, Bengal	...	ditto	ditto
198	Bose, J C	...	Professor, Presidency College	...	ditto	Brahmo
199	Bose Nundo Lall	...	Zemindar	...	ditto	Hindoo
200	Bose, Woopendronath	...	ditto	...	ditto	ditto
D						
201	Dass, Doyal Chand	...	Landholder	...	ditto	ditto
202	Dass, Grith Chunder (Roy Bahadoor).	...	Superintendent, Government Tosh-akhana, Foreign Department.	...	ditto	ditto

203	Dass, Mohendra Narain	...	Landholder	...	8, Shibnara'n Dass' Lane	ditto	ditto
204	Deb, Cooar Amrendro Krishna.	...	Superintendent, Warrant Department, Office of the Justices.	...	4, Municipal Office Street	ditto	ditto
205	Deb, Cooar Woopendro Krishna.	...	Zemindar	...	Sova Bazar	ditto	ditto
206	Dey, Beernursing	...	Landholder	...	Soortibagan	ditto	ditto
207	Dhur, Kali Dass	...	Banian	...	Colcotollah	ditto	ditto
208	Dutt, Dwarka Nath	...	ditto	...	Cornwallis Street	ditto	ditto
209	Dutt, Dyal Chand	...	Banian, Messrs. Vale King & Co	...	3, Clive Ghat Street	ditto	ditto
210	Dutt, Jogesh Chunder	...	Landholder	...	Wellington Square	ditto	ditto
211	Dutt, Gocool Chunder	...	Banian, Macknight, Anderson & Co	...	Fairlie Place	ditto	ditto
212	Dutt, Lall Gopal	...	Zemindar	...	Hatkholla	ditto	ditto
213	Dutt, Omesh Chunder	...	Landholder	...	Rambagan	ditto	Christian
214	Dutt, Prosunno Coomar	...	Inhabitant	...	14, Seetaram Ghose's Street.	ditto	Hindoo
215	Dutt, Rajnarain	...	ditto	...	Colootollah	ditto	ditto
G.							
216	Ghose Gooroprosono	...	Zemindar	...	Jorabagan	ditto	ditto
217	Ghose, Kali Prosono	...	ditto	...	ditto	ditto	ditto
218	Ghose, Kali Prosono	...	Banian, Messrs Vale King & Co	...	3, Clive Ghat Street	ditto	ditto
219	Ghose, Sarut Chunder	...	Zemindar	...	Baranussy Ghose's Street, Jorasanko.	ditto	ditto
220	Ghose, Ganendra Chandra	...	ditto	...	1, Simla Street	ditto	ditto
221	Ghosh, Tara Churn	...	Banian, Duncan Brothers	...	Clive Street	ditto	ditto
222	Gupta, Bipin Behari	...	Assistant Professor, Presidency College	...	College Square	ditto	ditto
K.							
223	Kaburuddin Ahmed	...	Editor, <i>Uda Guide</i>	...	Komedanbagan Lane	ditto	Mahomedan

No.	Name.	Style or Calling.	Residence or Place of Business.	Native Country.	Religion.	REMARKS.
L.						
224	Law, Ambica Churn	... Merchant	... Bachoo Chatterjee's Street, Tuntunia.	India	Hindoo	
225	Law, Chundy Churn	... ditto	... Cornwalis Street, Tuntunia.	ditto	ditto	
226	Law, Joygobindo	... ditto	... Bachoo Chatterjee's Street Tuntunia	ditto	ditto	
227	Law, Kristo Dass	... ditto	... Tuntunnia	ditto	ditto	
228	Law, Reshee Case	... ditto	... ditto	ditto	ditto	
M						
229	Mitter, Hurrish Chunder	Chief Superintendent, Office Accountant-General, Bengal.	... of Treasury	ditto	ditto	
230	Mitter, Nilmadhub	... Banian, Duncan Brothers	... 14, Clive Street	ditto	ditto	
231	Mitter, Omirto Lall	... Merchant	... Nimtollah Street	ditto	ditto	
232	Mitter, Sures Chundra	... Firm of Dutt and Mitter	... 2, Swallow Lane	ditto	ditto	
233	Mitter, Sures Chundra	... Banian, Th. O'Toole & Co	... 4, Garstin's Place	ditto	ditto	
234	Mookerjee, Dwarka Nath (Roy Bahadoor.)	Assistant Engineer, Office of Garrison Engineer, Fort William Division.	... Fort William	ditto	ditto	
235	Mookerjee, Gopal Chunder...	Hony. Assistant Engineer and Accountant 1st grade, P. W. Dept.	... 8, Lyon's Range	ditto	ditto	
236	Mookerjee, Nilmoney	... Professor, Presidency College	... College Square	ditto	ditto	
237	Mookerjee, S O	... Firm of Mookerjee, Clark & Co.	... Commercial Buildings	ditto	Christian	
238	Mozoomdar, Hem Chunder	Banian, George Henderson & Co	... 100, Clive Street	ditto	Hindoo	
239	Mullick, Charoo Chunder...	Landholder	... Putuldanga	ditto	ditto	
240	Mullick, Hem Chunder	... ditto	... ditto	ditto	ditto	
241	Mullick, Jadoo Lall	... Zemindar	... Pathooriaghatta	ditto	ditto	
242	Mullick, Mahatap Chunder	Assessor of the Justices	... Municipal Office Street...	ditto	ditto	

243	Mullick, Nundo Lall	... Zemindar	Jorasanko, Chitpore ..	ditto	ditto
244	Mullick, Prosad Das	... Landholder	Burra Bazar	ditto	ditto
245	Mutylall, Nundogopal	... ditto	Bow Bazar, Mullangah...	ditto	ditto
P					
246	Paul, Bholanath	... Head Master, Hare School	... College Square	ditto	ditto
R					
247	Ram Kissen	.. Merchant	Strand	ditto	ditto
248	Roy, Cooar Denandrona- rain.	.. Zemindar	.. Jorasanko	ditto	ditto
249	Roy, Peary Mohun	.. Ditto	.. Amherst Street	ditto	ditto
250	Roy, P K, Dr.	.. Professor, Presidency College	College Square	ditto	Brahmo
251	Rustumjee, H M	... Merchant	Chowringhee Road	ditto	Parsee
S					
252	Seal, Okhoy Coomar	... Barian, firm of Gladstone, Wyllie & Co.	101, Clive Street	ditto	... Hindoo
253	Sein, Wooma Canto	... Firm of Tancoor Dass Sein and Raj Narain Dhur	10, Hare Street	ditto	.. ditto
254	Sen, Beny Madhub	... Landholder	Cotton Street	ditto	... ditto
255	Sen, Doorga Churn	... Banian	Chorebagan	ditto	.. ditto
256	Sen, Gopal Dass	... Merchant	... Ditto	ditto	... ditto
257	Sen, Monee Madhub	.. Banian, Andrew Yule & Co.	... Clive Row	ditto	.. ditto
258	Sen Narayenkissen	... Store-keeper of Stamps, Office of Superintendent of Stamps and Stationery.	5, Church Lane	ditto	ditto
259	Sen, Rakhal Dass	.. Chaner, Mackinnon, Mackenzie & Co	16, Strand	ditto	.. ditto
260	Sen, Roma Kanta	... Inhabitant	... Mathagghussa Gully	ditto	... ditto
261	Sen, Shama Churn	... Knazanchee, Chartered Bank of India, &c	5, Council House Street	ditto	ditto

No	Names.	Style or Calling	Residence or Place of Business.	Native Country	Religion	REMARKS
262	Sen, Sunut Coomar	... Bauian, Bengal Bonded Association	Warehouse 102, Clive Street	India	... Hindoo	
263	Sen, Thakoor Churn	... Inhabitant	... Sankibanga, Coolootollah	ditto	... ditto	
S						
264	Sett, Kanny Lall	... Zemindar	... Burra Bazar	ditto	... ditto	
265	Sircar, Bepin Behary	... Firm of Kerr Tarruck & Co	... Clive Street	ditto	... ditto	
266	Sircar, Nolin Behary	... ditto	... ditto	ditto	... ditto	
T						
267	Tagore, Degendro Nath	... Zemindar	... Dwarka Nath Tagore's Street.	ditto	... ditto	
268	Tagore, Joytindra Nath	... ditto	... ditto	ditto	... ditto	

J. G. APCAAR,

Clerk of the Crown.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 4, 1888.

OFFICIAL PAPERS.

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RESOLUTION ON THE REPORT ON PUBLIC INSTRUCTION IN BENGAL FOR 1886-87.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 3rd January 1888.

RESOLUTION.

READ—

The Report on Public Instruction in Bengal for 1886-87.

The Office of Director of Public Instruction was held by Mr. C. H. Tawney from the 1st April to the 8th July 1886, and by Sir Alfred Croft until the end of the year. The Report for the year 1886-87 has been drawn up by Mr. Tawney, who again officiated as Director in the present year during the absence of Sir Alfred Croft on deputation.

2. The following table compares for two years the figures of all schools that submit returns to the Department:—

CLASS OF INSTITUTIONS		1885-86		1886-87		Average number of pupils 1886-87
		Schools	Pupils	Schools	Pupils	
<i>Public Institutions</i>						
University	College	1	508	1	517	119
Secondary	High English schools	94	7724	83	6108	71
	Middle	74	700	70	812	71
	English medium	114	1014	112	6448	57
Primary	Upper primary	5087	1131	5149	1111	6
	Lower primary	4013	986100	4038	51230	1
Special	Industrial	93	4	19	774	1
Female		359	261	34	4429	20
Total Public Institutions		709	128981	631	191674	
<i>Private Institutions</i>						
Advanced teaching—						
Arabic or Persian		112	18766	124	1704	12
Sanskrit		57	14	9	12	10
Elementary teaching vernacular only—mainly		234	3080	27	1102	1
Other schools not conforming to departmental standards		121	1818	88	9814	10
Total Private Institutions		324	2719	141	4708	
GRAND TOTAL		1033	13619	772	196382	

The result is so far satisfactory, that there has been an increase, though to a very limited extent only, in the total number of students, and that it has been considerable under every head of superior education. The gain in these departments has been partly, though not entirely, neutralised by the falling off in primary instruction.

3. Classified departmentally, the expenditure on education from public and private sources in all institutions which have come under the cognizance of the department has been as follows for the last two years —

	1885-86		1886-87	
	Government expenditure (net)	Total expenditure	Government expenditure (net)	Total expenditure
	Rs.	Rs.	Rs.	Rs.
University	...	81,000	...	82,000
Collegiate	3,15,000	5,47,000	3,10,000	5,15,000
Secondary	5,85,000	27,01,000	5,76,000	26,06,000
Primary	5,87,000	24,53,000	5,44,000	23,46,000
Female	1,44,000	5,03,000	1,54,000	5,67,000
Special	4,11,000	5,53,000	4,26,000	5,74,000
Scholarships	1,68,000	1,94,000	1,83,000	2,08,000
Buildings	1,12,000	1,19,000	2,33,000	2,41,000
Furniture and apparatus	8,000	9,000	6,000	7,000
Miscellaneous	1,11,000	1,37,000	1,36,000	1,53,000
Superintendence	5,49,000	5,51,000	5,53,000	5,58,000
Total	29,90,000	76,48,000	31,24,000	78,87,000

The Government expenditure has increased by Rs. 1,31,000, chiefly under the head of building. Grants promised by Government in aid of school buildings, of which payment was postponed in 1885-86, were paid last year, and the expenditure of the Public Works Department on repairs and construction was also much larger than in the preceding year. Expenditure on education from private sources is shown to have risen from Rs. 46,58,000 in 1885-86 to Rs. 47,63,000 in 1886-87, but these figures are not complete, no returns of expenditure having been received from the large unaided colleges of Calcutta, and from some other public institutions under private management. It is noticed, however, with disappointment that the expenditure of municipalities on education has decreased from Rs. 81,569 in 1885-86 to Rs. 78,869 in 1886-87. Mofussil municipalities were relieved of police charges in 1882, on the understanding that the funds so freed would be devoted to such purposes as education and sanitation, and it was estimated in 1884 that a sum not less than 1½ lakhs might properly be spent on schools by municipalities. Commissioners of

Divisions will now be consulted as to the authority which may with advantage be made over to Municipal Boards in directing education in towns and as to the sums which they may reasonably spend on schools from their own resources.

4. From a financial point of view the most important proposals of the Education Commission were those for the promotion of primary education, at an increased cost of ten lakhs a year. These improvements, with many others involving expenditure, have had to be postponed for want of funds. The recommendation of the Committee for the transfer of three colleges to private management, or their abolition in case no suitable agency of the kind could be found, has been carried out in regard to the two principal institutions indicated; the third, that of Chittagong being for the present retained, on the ground that it costs very little, and is of use in a somewhat inaccessible locality. The recommendation to transfer other colleges in case private managers would undertake the charge has been borne in mind, but no indication has as yet been shown of any disposition on the part of municipal bodies or individuals to come forward where the alternative presented is not the abolition of the institution, but its continued maintenance by Government. The Director observes with regard to schools that Uttarpara has been transferred to local management on an undertaking that college classes shall be opened in connection with the school. On the formation of District Boards under Act III (B.C.) of 1885, all Government, middle and primary schools were transferred to their management. The administration of such a portion of the grant-in-aid allotment and of the primary grant as has reference to middle and primary schools in extra urban tracts has also been transferred to the District Boards, with effect from the 1st April 1887. In some districts of the Burdwan and Presidency Divisions and in the Patna and Rajshahye districts, the Boards assumed active charge of educational business before the close of the year. This transfer is the most important educational event of the year, but it occurred at so late a period that no trustworthy information as to its effects is as yet attainable. As regards special instruction the Director states that, with a view to give primary school teachers an opportunity of improving themselves, the establishment of training classes in connection with middle school at an annual cost of Rs. 6,000 was carried out during the year. On the whole it would appear that such efforts have been made to carry out the recommendation of the Commission as were possible without incurring the considerable expenditure contemplated by most of the important proposals made.

5. The work of inspection appears to have been generally performed by the superior controlling staff with efficiency. The Deputy Inspectors also gave satisfaction in this respect, 40 out of 45 officers exceeded the prescribed number of 150 days on tour, and in the case of the remaining five officers the deficiencies are adequately explained. The average number of days spent on tour by Sub-Inspectors was lower than in the preceding year in every division except Burdwan and Patna, and the average for five of the nine divisions fell short of the required number of 200 days. The inspection work done by chief gurus and inspecting pundits appears to have been considerably less than in the preceding year. The Director has noticed all deficiencies in detail, and evidently exercises a judicious control over this important branch of departmental work. Such control is now even more necessary than it was formerly, as the rules regulating the travelling allowances of Deputy Inspectors and Sub-Inspectors have been modified in such a way as to render close supervision absolutely necessary.

6. A new college was opened during the year, the Victoria College in Jessore, and it received a grant-in-aid from Government. The number of colleges thus has increased from 26 to 27, and the number of students on the rolls advanced from 2,992 to 3,215. Of the students 1,085, or one-third, were readers on the 31st March 1887 in Government colleges, 795 in aided colleges and 1,335 in unaided colleges. Among Government institutions there was a marked increase in the number of students in the Presidency and Dacca Colleges, but a falling off in Hooghly and Patna. Of the private institutions, the General Assembly's College, the Metropolitan Institution, the City College, the Ripon College and the Jagannath College added considerably to

their numbers, while on the other hand there was a decrease in the Free Church College, St. Xavier's College and the Doveton College. The total annual cost, and the cost to Government of each student in Government colleges, fell from Rs. 354 to Rs. 344, and from Rs. 266 to Rs. 251, respectively. In aided colleges the cost to Government has risen from Rs. 28 to Rs. 35 on account of increased contributions and falling off in fees.

7. The chief features of the University examinations of 1887 are the favourable results obtained in the private colleges. In the First Arts examination the Government colleges passed 280 candidates, unaided colleges 276, aided colleges 147. In the Bachelor of Arts examination, (exclusive of teachers), the numbers were 118, 108, and 114, respectively. In the second division of those who passed with honours for the B. A. degree the private colleges maintain their numerical superiority, passing 44, against 35 from the Government institutions; but they fall behind in the first division of the honour list, where they count only 17 successes, as against 18 from Government colleges. Similarly, Government colleges passed 40 students for the degree of Master of Arts; private colleges 19 only. The following statement illustrates the gradual progress of private colleges, judged by the test of success at University Examinations:—

Statement showing the results obtained by Government and private Colleges at University Examinations from 1876-77 to 1886-87.

Year.	Class of Colleges.	NUMBER OF STUDENTS PASSED AT THE EXAMINATION.				
		F. A.	B. A.	B. A. Honours.	M. A.	M. A. Honours.
1876-77	Government	151	64	.....	5	13
	Private	123	51	.....	3	2
1877-78	Government	94	32	.....	.....	12
	Private	90	19	.....	.....	3
1878-79	Government	135	49	.....	4	13
	Private	73	22	.....	5	.....
1879-80	Government	141	61	.....	8	22
	Private	120	29	.....	1	19
1880-81	Government	174	74	.....	9	16
	Private	146	52	.....	1	3
1881-82	Government	171	59	.....	5	16
	Private	124	36	.....	1	3
1882-83	Government	198	82	.....	13	17
	Private	172	85	.....	1	3
1883-84	Government	260	90	.....	6	25
	Private	335	116	.....	13	10
1884-85	Government	135	45	25	.....	.....
	Private	155	67	18	.....	.....
1885-86	Government	244	149	68	21	.....
	Private	392	261	42	10	.....
1886-87	Government	280	65	53	40	.....
	Private	436	199	52	23	.....

The figures showing the number of students who passed the examinations from private institutions include ex-students and teachers.

It will be observed that private institutions surpassed those maintained by Government in the results obtained at the F. A. and B. A. examinations for the first time in 1883-84, and have since greatly increased their superiority in this respect; that the superiority is more marked in the higher of the two examinations; and that even in the severer competition of the honour and M. A. examinations they now almost divide the field. As this comparative progress has been concurrent with considerable advancement in the Government colleges, it is altogether satisfactory.

8. The following statement shows the number of high English schools for native boys and of pupils attending them for the last two years:—

High English Schools for Boys.

	1885-86.		1886-87.	
	Schools.	Pupils.	Schools.	Pupils.
Maintained by the Department	52	14,963	52	14,997
Do by Municipal Boards	4	929	5	1,094
Aided by the Department or by Municipal Boards	130	19,705	141	22,141
Unaided	69	20,712	74	32,995
Total	255	56,316	272	61,227

* Except in the number of high schools maintained by the Department, these figures show an increase under all heads. The transfer of Government high schools to the management of Joint Committees appointed under the Local Self-Government Act is now under the consideration of Government.

In the University Entrance Examination of 1887 the success of the candidates is in striking contrast to the results of the examination of 1886. Of 3,407 candidates in 1887, 2,346, or 68·8 per cent, passed, while in the preceding year out of 3,083 candidates only 875, or 28·3 per cent, passed. The Director of Public Instruction writes:—

“The Government schools, as usual, show the best results, having passed 82·5 per cent. of their candidates; the aided schools stand next in order of merit with 67·4 per cent, and the unaided schools passed 59·6 per cent. The striking success of the candidates at the examination of 1887 is due, among other causes, to the change made in the system of marking, which reduced the pass marks in English from 33 to 30 per cent, and in second language and mathematics from 33 to 25 per cent each, subject to a maximum of 33 per cent. on the whole, with the proviso that no candidate who could have passed under the old rules should fail under the new.”

The proportion of those passed to candidates is, however, a very imperfect test of the efficiency of a school, as those only are allowed to appear as candidates who, in the opinion of their masters, are likely to do well. The proportion, therefore, gauges the degree to which doubtful cases are excluded rather than the success of tuition. In gross numerical results the private schools were superior, passing 1,407 candidates, against 891 from Government schools. And the private schools, moreover, made the greatest amount of progress during the year, having trebled the number of passes in 1886, while those of Government schools only doubled.

9. The figures for middle English schools are as follows:—

Middle English School for Boys.

	1886/87		1886/87	
	Schools	Pupils	Schools	Pupils
Maintained by the Department	11	1,354	7	838
Ditto by Municipal Boards ..	3	608	8	1,140
Aided by the Department or by Municipal Boards ...	547	38,151	534	37,375
Unaided	155	10,258	169	11,781
Total	716	50,371	718	51,134

and the figures for middle vernacular schools are shown below —

Middle Vernacular School for Boys

	1887/88		1887/88	
	Schools	Pupils	Schools	Pupils
Maintained by the Department	179	9,508	153	8,097
Ditto by Municipal Boards	9	1,417	37	3,128
Aided by the Department or by Municipal Boards	837	47,166	864	46,990
Unaided ...	96	5,853	103	6,263
Total	1,141	63,944	1,157	64,478

The fluctuations shown in these tables do not require special notice, except that it may be pointed out that the policy of withdrawal of the department from the direct management of middle schools is maintained. The results of the examinations of candidates from middle schools, English and vernacular, for the middle scholarship certificates were quite satisfactory. Of 5,478 candidates, 787 passed the middle English examination and 2,935 the middle vernacular examination. These figures are considerably better than those of last year.

10. The returns of 1885-86 showed a very serious falling off in the number of primary schools and pupils, which has been followed by a further decrease, though of smaller amount, during the year 1886-87. The following statement gives the relevant figures:—

CLASS OF SCHOOL	Number of schools			Number of pupils		
	1884-85	1885-86	1886-87	1884-85	1885-86	1886-87
Upper primary	2,720	3,080	3,140	100,715	115,736	114,871
Lower	6,560	47,623	45,467	1,121,805	98,160	965,214
Total	9,280	50,703	48,607	1,222,520	1,099,496	1,080,085

The decrease in pupils amounted in 1885-86 to 10 per cent, last year to 1.7 per cent. It is the more noticeable because up to 1884-85 there had been a steady increase in the number reported as receiving primary education, and because, as three-fourths of the male population of school-going age are not under instruction in any recognised establishment, and are probably growing up in complete ignorance, there is obviously much room for further progress. As stated in the Resolution on the annual report for 1885-86, the decrease is attributed to the exclusion of small, temporary, or backward schools, that is of those having less than ten pupils, which have existed for less than six months, or which did not use printed books, and keep prescribed registers. The object of this exclusion is to prevent the waste of money urgently needed on institutions which do not really promote education, and is so far as they produce this result, the rules have the entire approval of the Lieutenant-Governor. But it was observed in the last Resolution that a large number of schools proved to be efficient by the fact that they passed candidates at the primary scholarship examination had been abolished, that the Muhammadan *maktabs* had suffered exceptionally, and that the loss had been greatest where it could least be afforded, in the educationally backward districts of Behar. On these grounds a special report was requested as to the working of the system, and District Magistrates were in the meanwhile authorised to exercise a discretion as to its continuance. The report has not as yet been received, and the results of the year under report add force to the objections raised. Schools successfully competing at the scholarship examinations have shown a further decline from 7,589 in 1885-86 to 7,193 in 1886-87, and there are indications that the discretion left to District Magistrates has not been generally used. Thus of the Furruckpore district the Inspector of the Dacca Division remarks that the loss of primary pupils was in the first place due to "the extraordinary inundations which caused many schools to be closed which were not re-opened owing to their gurus despairing of earning rewards under the operation of the rule of excluding schools of less than six months standing." The Inspector refers to this as one among several causes to which he attributes the effect "of weeding out weak institutions with inefficient teachers," but it is by no means clear that all schools closed on account of a flood must be weak or inefficient. The Lieutenant-Governor agrees with the Commissioner and Director of Public Instruction in considering that in this instance the rule has not been worked in a proper manner, as special indulgence should have been shewn under the very exceptional circumstances of the case. In the Patna Division the Assistant Inspector attributes the decrease to undue strictness having been exercised by the new circle pundit agency in the Presidency and Burdwan Divisions. The new rules have not produced any falling off in the number of pupils, and possibly no such effect would have followed elsewhere had care been taken to apply money saved by withdrawing aid from the worst institutions to increasing the attendance in those which offer a better promise of improvement. In so far as the question is one of the modification of rules, in force, it will be separately dealt with; meanwhile what is required is that

District Magistrates should exercise the discretion left to them in the matter in such a way as to ensure that the greatest possible results are obtained with the means at their disposal. This discretion may also be left to Local Boards, and the Director should draw special attention to the subject, to prevent the possibility of the orders of Government being overlooked.

11. The following summary is given in the report of the principal heads of charges on account of primary education:—

					Rs
Stipendiary	schools	...	...	...	2 66,117
Non-stipendiary	"	"	"	...	2 83,988
Indigenous	"	"	"	...	317
Prizes	"	"	"	...	32 474
Subordinate inspecting agency	"	"	"	...	77, 96
Other payments	"	"	"	...	75,601
Total					7,36,213

The grant was Rs. 7,70,092, and though the saving effected is attributed by the Director to judicious management, still, looking at the districts in which it occurred, there seems reason to doubt whether in some instances it was not due to the failure of the authorities to make full use of the money placed at their disposal, even where it was sorely needed. Most of the districts spent their assignments, and those in which there was a saving are in many cases those in which a falling off occurred in attendance. It is noticed that a sum of Rs. 9,578 is charged to the primary grant on account of "contributions to other than primary schools"—an entry which needs explanation. A strange instance is mentioned in the report of the perversion of funds given for primary education to a use apparently altogether foreign to that purpose and as to this a letter has been addressed to the Commissioner of Patna. The primary grant was placed more completely than any other at the disposal of local authorities, with a view to securing elasticity in its administration, and the greatest possible economy. The Lieutenant-Governor gladly recognizes that these ends have in the main been obtained, and that the education of more than a million pupils at an annual cost to Government of less than eight lakhs of rupees is a work upon which all connected with it may be congratulated. But there is some danger that, owing to the absence of routine checks, the funds may in particular instances be looked on as the readiest resource for meeting any local demand, whether really connected with primary education or not, for which there is no budget provision. This is a tendency which the Director and Commissioner should watch with care and check at once whenever it is manifested. The primary grant, as was admitted in the correspondence connected with the late Education Commission, is too small even for the purposes for which it is intended, and any endeavour to encroach upon it should be vigilantly resisted.

12. The economy in administration, which is the necessary condition of the extension of primary education, is most marked when the system of payment-by-results has been fully adopted. The Director observes—

An analysis of the district returns of primary grant expenditure shows that 3,602 schools with 114,027 pupils were aided by stipends only, amounting to Rs. 1,38,430 for the year, the average Government expenditure upon each school being Rs. 38; that 2,808 schools with 94,587 pupils were paid Rs. 1,00,028 in stipends and Rs. 22,979 in rewards and other payments, or a total of Rs. 1,28,007, being at the rate of Rs. 46 a school; and that 32,028 schools with 691,067 pupils received in rewards and other payments Rs. 2,78,667 in all, or at the rate of Rs. 9 a school. There were also 3,718 schools with 69,601 pupils which received Rs. 6,321 in sundry small payments without sending pupils to any departmental or local examination. The average payment to each of these schools was a little more than one rupee per annum, chiefly for keeping registers of attendance and submitting returns.

The division between stipendiary schools and those paid by results corresponds to a great extent with that between upper and lower primary schools, and the contrast in point of cost is more marked if attention be confined to institutions in which these several distinctions correspond exactly. The upper primary schools, receiving both rewards and stipends, cost Government during the year Rs. 60 each; the upper primary schools, receiving stipends only cost Rs. 48 each; and the lower primary schools, paid by results, cost Rs. 8 each. Even the largest of these sums is not in itself great; but the proportion borne by the Government contribution to the total cost of upper primary schools—45 per

ent—seems excessive by comparison with that given in aid of any other form of primary or secondary education. The Lieutenant-Governor fully recognises the utility of upper primary schools as models, and would be sorry to see any of them discontinued. But it is not clear why the system of grants-in-aid applied to vernacular schools of a higher class, or that of payment-by-results which prevails with regard to other primary schools, should not be enforced in their case also, in order to relieve Government of the disproportionate and increasing cost of maintaining them directly by stipends. On this point a further expression of the Director's opinion will be invited. The weak point in the administration of the primary grant seems to be that funds in themselves small are so largely drawn upon for inspection, stipends and miscellaneous charges, that little remain for the payments-by-results, which support the great majority of the schools. The geometry and natural philosophy which, the Director notices, are taught at upper primary schools are no doubt very useful and may justify some extra expenditure; but the main object of the primary grant is to make some impression on the ignorance, even of the elements of reading and writing, which prevails among the majority of the population. A considerable sum would be made available for this purpose if upper primary schools were brought either under the grant-in-aid rules, or under those as to payments-by-results.

Further information will also be requested as to the substitution of pundits for chief gurus as a subordinate inspecting agency in regard to primary schools. This is said to have caused a falling off in the results obtained in the Dacca Division. In Pooree the same effect is attributed to the laxity of the inspecting pundits, and one has been suspended in Balasore for omitting to collect returns. If these newly-appointed pundits are not really a success, something may be gained by spending on increased grants for results the sums they now receive for their work of inspection. The night schools appear to have done well in some districts, but in other places they are said to be merely a show, putting ill-gained money into the hands of dishonest gurus. Where such is the case they should be discontinued, and the sums thus saved devoted to increasing the grants for payments-by-results.

13. The following table compares the statistics of schools for native girls for the last two years:—

Female education

	1886-87		1887-88	
	Schools	Pupils	Schools	Pupils
Girls schools—				
Maintained by the Department ..	2	201	2	193
Ditto by Municipal Boards ...	4	159	5	236
Aided by the Department or by Municipal Boards	2,018	39,215	1,987	39,293
Unaided	242	3,746	204	3,568
Total .	2,296	43,321	2,198	43,290
Girls in boys' schools		34,716		37,764
GRAND TOTAL	2,296	78,037	2,198	81,054

Seven of the schools teach English; 25 are classed as middle vernacular and the rest are primary. The total expenditure on education of native girls was Rs. 3,03,451, of which sum Government contributed Rs. 1,07,148. The two departmental schools are the Bethune School in Calcutta and the Eden School at Dacca, of which the former had 119 and the latter 74 pupils. The Bethune School maintained by Government in Calcutta passed four candidates at the Entrance examination, and one at the B. A. examination with honours in Sanskrit. Three students of the Doveton Institution, and one of the Free Church Normal School, passed the former examination. In the middle schools for native girls in Calcutta there was an increase of pupils, but in the primary schools there was a considerable falling off, due to curtailment of the operations of the Mission societies. Outside Calcutta the number of girls' schools and pupils rose in all the divisions except Rajshahye,

Dacca, and Bhagulpore. On the subject of teachers in girls' schools, Mr. Tawney makes the following interesting remarks:—

"As a rule, grant-in-aid girls' schools have separate teachers of their own, but occasionally a pundit in a neighbouring boys' school teaches the girls in the forenoon or afternoon, when his own school is not at work. Primary fund girls' schools are generally in charge of gurus who also teach in boys' pathshalas, and are held at midday when the boys disperse to their homes. Such girls' classes are sometimes taught in separate houses by the same teachers, but often in the same houses at different hours. The girls reading in boys' schools are taught along with the boys, and generally hold their own, though they are believed to be less strong in arithmetic and accounts. The majority of the girls continue at school till they attain the age of 10 years, but in the villages girls of 11 or 12 are sometimes seen.

"As yet the number of female teachers is not large. They are practically confined to the town of Calcutta and the Presidency, Burdwan and Orissa Divisions, where Christian Missionaries have worked for a large number of years. Calcutta has about 150, the Presidency and Burdwan Divisions about 120, and the Orissa Division about 50. For other parts of the country their number is small. A few of the female teachers are Hindus or Muhammadans brought up in the village schools, but the great majority of them received their instruction in Missionary schools. The general belief is that they are not so efficient as male teachers, and are at least twice as costly."

14. The following table compares the number of schools for Europeans on the 31st March 1887, and the number of pupils in them, with the figures for the preceding year.—

Education of Europeans.

CLASS.	Number of schools on the 31st March.		Number of pupils in them on the 31st March.	
	1886.	1887.	1886.	1887.
Government	1	1	94	82
Aided	51	59	4,951	4,882
Unaided	11	13	1,053	1,227
Total	63	72	6,098	6,391

The increase in the number of schools is partly nominal, owing to the division of certain institutions into distinct Departments, separately aided, and the real progress made is most correctly gauged by the moderate addition to the number of pupils under instruction. The Government expenditure was Rs. 2,50,357, and the total expenditure, including cost of boarding establishments, was Rs. 9,24,865.

15. The High school examination, introduced by the Code as an alternative to that for entrance to the University, was held during the year for the first time; ten candidates appeared from St. Xavier's College, and, with a single exception, they passed in one or more subjects, earning the prescribed rewards. No competitors appeared from the fifteen other high schools open for boys, but seven girls presented themselves, and the Lieutenant-Governor observes with pleasure that they were all successful. Proposals are under consideration for making this examination more generally popular. Thirty-nine students passed the University Entrance examination, against 38 in the previous year, and there was some improvement in their position on the list. St. Xavier's College passed fourteen, the Doveton College and La Martiniere six each, the Doveton Institution seven, and St. Pauls, Darjeeling, four. The system on which Government aid is granted to European schools may be described as one of payment-by-results after careful examination of each pupil. It is stated in the report that the introduction of this system has increased the efficiency of the schools, as is indicated by the fact that, while in 1883-84 only 35 per cent. of the scholars presented for examination were above Standard III, in 1886-87 the percentage had risen to 45. The improvement is greatest in middle schools for girls, where the percentage was 30 in 1883-84, 34 in 1884-85, 39 in 1885-86, and 44 in 1886-87. The impulse given by the Code to secondary education is also shewn by the progress of the schools from the middle to the high stage; in 1883 only two girls' schools, both unaided, contained high departments; at the present time eight aided and two unaided girls' schools are preparing candidates either for the Entrance, or for the high school examination. The most conclusive proof of the improvement of the schools is the increase in the percentage of instruction grant earned from

61.3 to 65.5. The thanks of the Lieutenant-Governor are given to Mr. Nash for his careful attention to his duties as Inspector of these schools.

16. The object of these institutions is to educate the future vernacular teachers of middle and primary schools. Sixteen Training schools. were maintained during the year by Government, teaching 716 pupils, at a cost of Rs. 64,846, or Rs. 4,053 a school, and Rs. 90 a pupil. Ten were also kept up by Missionary Societies, receiving aid from Government, teaching 619 pupils at a cost to Government of Rs. 11,226, or Rs. 1,122 a school, and Rs. 18 a pupil. The great comparative cost of these schools is, perhaps, unavoidable, being due to the fact that the students instead of paying fees generally receive stipends; but no opportunity should be neglected to effect judicious economies. Gurus have been authorised to read free in middle schools, Government or aided, and Government has undertaken to pay a rupee a month to head-masters for every guru under instruction. The classes opened under these orders, which number 104, have been included in the returns for the first time this year. The working of this system should be watched with care, as it may, if really successful, facilitate some saving of the expenditure on training schools. With regard to several of the schools, but not as to all, it is stated that students after passing through the course readily obtained employment. This is a matter to which constant attention is necessary, as if any of the schools do not fulfil in practice the object of training those who afterwards take to teaching as a profession, the expenditure in excess of that in ordinary middle schools will be wasted.

17. In the ten law schools the average number of students for the year was 1,055, against 947 in the preceding year, and at the University examination 152 candidates qualified for the degree of Bachelor of Law, against 119 in the previous year. The total number of students of medicine rose from 752 to 965; this increase was partly due to the opening of three new schools in Calcutta, and partly to increased attendance. It is stated that the best educated of the students of the Campbell Medical School do not enter Government service, but obtain appointments on railways, in the employ of municipalities, in factories, in emigration depôts and tea-gardens, and that some of them have no difficulty in establishing lucrative private practice in mufasil stations and villages. The Maharani Surnomoye's hostel was built during the year to half its proposed extent, and occupied by ladies studying medicine. Advantage was taken of Her Imperial Majesty's Jubilee to raise subscriptions, which already amount to Rs. 50,000, for the erection of a permanent building for the very successful school of medicine at Dacca. There is ample evidence that this branch of technical education is progressive and popular.

18. The number of students in the Engineering Department of the Seebpore College fell during the year from 52 to 44, and the result of the University examination was not satisfactory. Mr. Tawney expresses an opinion that all the subjects studied in the College are well and carefully taught, but for some reason it has not been successful, either in passing a fair proportion of its students by the University test, or in securing for them prompt employment. The question of altering the arrangements of the College with a view to improvement is now being considered by a Committee. The number of students in the Apprentice Department continues almost unchanged, and it appears that the training they receive is satisfactory. Three survey schools were maintained during the year, at Dacca, Patna and Cuttack, the Government expenditure upon them being Rs. 6,369. The number of pupils increased from 201 to 210. The head-master of the Dacca school states that the institution under his charge satisfies a real necessity, and is largely growing in popularity, a fact which he considers proved by the increase in the fees received. The Lieutenant-Governor would be glad to procure the opinion of officers of the Departments which dispose of surveying appointments as to the working of these schools, as has been done in the case of the Seebpore College, and the Chief Engineer and Director of the Agricultural Department will be communicated with on the subject. It is most important that these technical schools should give a training not only good in itself, but also adapted to the immediate requirements of the day, so that their students may find prompt and remunerative employment on successfully completing their studies.

19. Mr. Tawney observes that a considerable impulse has been given to industrial education during the year, four unaided schools having been started in Moorshedabad, where

Art and Industry.

Mr. Anderson, the District Magistrate, evinces the warmest interest in the subject, and a very promising school having been opened in Calcutta, by the Society for the Propagation of the Gospel. A new school has also been opened in Midnapore. There are now fifteen institutions of this class, 20 educating 792 scholars, at a cost to the Provincial revenue of Rs. 2,444. The only Government school of the kind, that at Ranchi, has never been successful, and was maintained only in the hope that it would be reformed, for which purpose steps were taken during the year. The facts stated convey the impression that these schools in certain places elicit much sympathy from municipal authorities and liberal individuals, and that there is a strong disposition to support them; but that hitherto the problem of their management in such a way is to make them of the greatest practical use has not been solved. Carpentry is the most general subject of instruction, sewing, tinsmith's work, wicker work, drawing, and in Calcutta electroplating are also mentioned as being also taught in one or more schools. Most of the schools have been newly established, and it would be premature to enquire whether they will stand the crucial test which must be applied to all technical institutions, that of the ultimate success of their scholars in the fields of industry. The Schools of Art, Calcutta, maintained its high reputation during the year.

Education of Muhammadans.
classes of schools :—

20 The following statement gives the number and percentage of Muhammadan pupils in different

		Total number of pupils 1885-86	Number of Muhammadans. 1885-86.	Percentage of Muhammadans. 1885-86.
Public Institutions—				
Arts Colleges		3 215	1 79	12
High English Schools	..	63 557	6 232	9.8
Middle ditto	..	54 813	6 986	12.7
Middle Vernacular Schools	..	55 949	9,053	13.7
Upper Primary Schools	..	124,714	21 864	17.5
Lower ditto	..	997, 12	292,239	29.2
Professional Colleges		1,396	63	4.5
Technical Schools	..	2 535	272	10.7
Training ditto	..	1,335	45	3.3
Madrassas	..	1,508	1,480	98.1
Total	..	1 3 6 594	338 372	25.7
Private Institutions—				
Advanced	..	30 122	19 682	65.3
Elementary	..	15 386	8 832	57.4
Total	..	45,508	28 514	62.6
GRAND TOTAL	..	1,362,102	366 886	26.9

The features of the year in Muhammadan education are an important advance in the number of students who passed the University examinations, and a considerable increase in the Muhammadan pupils in secondary and upper primary schools. In the M.A., B.A., F.A. and Entrance examinations 2, 19, 31, and 51 Muhammadans were successful, against 1, 4, 12, and 44 in the preceding year. The percentage of Muhammadan students going through the University course and at high English schools is still however, lamentably low. There has been an increase in secondary schools, which is common to all divisions, and in pupils in madrassas. The falling off in the number of pupils returned for lower primary schools is due to general causes specified in the paragraph on the subject of primary education and is not peculiar to Muhammadan pupils.

21. The total number of pupils returned under the head of aboriginal

Aboriginal and backward races

and backward races fell from 29,906 to 27,201, and the decrease is attributed to greater precision in returning purely aboriginal pupils than was attempted in previous years. Two-thirds of these pupils are returned from Chota Nagpore and from the Sonthal Pergunnahs. The advance of education among the Kols in Singhbhum is the most noteworthy feature of this part of the report.

22. The total number of indigenous schools on the returns increased from 2,234, with 22,749 pupils, to 4,221, with 45,508 pupils. The increase appears to be due to the inclusion of small schools which were excluded from the previous year's return. Mr. Tawney gives the following account of the kinds of schools classed as indigenous in these Provinces:—

"The purely indigenous education of the country is carried on in—(1) *tois*, (2) *maktabs*, (3) *kyoungs*, (4) *patshalas*, and other schools that do not conform to the departmental standards. The *tois* constitute the indigenous universities of the country for the prosecution of Sanskrit studies. The only language taught is Sanskrit, through the medium of which the pupils, after learning Sanskrit grammar, study one or more of the following special subjects:—*Smritis* or Hindu law and theology, *nyaya* or logic, *karya* or *litera humamores*, *alankara* or rhetoric, and Sanskrit works on medicine. The *maktabs* are schools where the elements of Arabic, Persian, and Urdu literature are taught, the higher branches of Arabic and Persian literature, philosophy and law being exhaustively studied in the *madrasahs*, of which an account has been already given under the heading of Muhammadan education. In both, considerable attention is devoted to the Koran. The *kyoungs* are the modern representatives of the ancient Buddhist-Vihāra. In these institutions instruction is given in *Pali*, the sacred language of the Buddhist, by a Raoli or Buddhist priest. None but Buddhist students are admitted into the *kyoungs*. These have been returned from the district of Chittagong only. The *patshalas* not conforming to the departmental standards constitute the indigenous primary schools of the country, in which an elementary education is given in the vernacular language of the district."

23. The Lieutenant-Governor tenders his thanks to Sir Alfred Croft and to Mr. Tawney for their administration of the department during the year.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 31st December 1887

No	District and date of return	Rainfall at Sudder Station in inches	Character of the weather and state and prospects of the crops
BENGAL			
Western Districts			
BURDWAN DIV.	1 Burdwan, Dec 31, '87	Nil	Weather cool and cloudy Harvesting of rice continues outturn to innas on the average Prospects of <i>rubbi</i> crops good Price of rice stationary
	2 Bankoora „ 31, '87	Nil	Weather—cold and cloudy There was a slight drizzle on Friday evening (27th) Harvesting of <i>amun</i> rice is nearly complete <i>Rubbi</i> crops are thriving New rice (common) is sold at the Bankoora market at 22 seers per mpee
	3 Berabhoon „ 31, '87	Nil	Weather cold and cloudy at nights Harvesting of <i>hamra</i> rice continues <i>Rubbi</i> crops and sugarcane doing well No appreciable change in the rice market
	4 Midnapur „ 31, '87	Nil	Weather seasonable Harvesting of winter paddy almost finished Prospects of <i>rubbi</i> crops good
	5 Hooghly „ 31, '87	Nil	Weather—cold Harvesting of winter paddy nearly over Prospects of <i>rubbi</i> crops good
	Howrah 31, '87	Nil	Weather—clear and cold Harvesting of <i>amun</i> and sugarcane continues
Central Districts			
PRESIDENCY DIV.	6 24 Parghas Jan 3, '88	Nil	Weather seasonable and cloudy <i>Amun</i> harvest still going on Sugarcane is being cut and pressed Prospects of winter crops continue satisfactory
	7 Nudda „ 31, '87	Nil	Weather—a little cloudy at times Harvesting of <i>amun</i> going on <i>Rubbi</i> promising Rain wanted
	8 Khoolna „ 31, '87	Nil	Weather seasonable Harvesting of <i>amun</i> rice still continues Winter crops doing well
	9 Jessore „ 31, '87	Nil	Weather—very cold <i>Amun</i> harvesting still going on Winter crops doing well
	10 Moorshedabad „ 31, '87	Nil	Weather seasonable Harvesting of <i>amun</i> still continues Sugarcane, wheat, and other winter crops doing well
RAJSHAHY DIV.	11 Dinagepur Dec 31, '87	Nil	Weather—seasonable About six annas of winter rice have been harvested Mustard, tobacco and pulses are doing well
	12 Rajshahye „ 31, '87	Nil	Weather—seasonable Cutting of <i>amun</i> paddy continues with prospect of very good outturn Cold weather crops require a little rain <i>Ganja</i> plants thriving
	13 Hungpur „ 31, '87	Nil	Weather—seasonable Prospects of tobacco and mustard good Harvesting of winter paddy continues
	14 Bogra „ 31, '87	Nil	Weather—seasonable State and prospects of crops continue good
	15 Pubna „ 31, '87	Nil	Weather—fine and cold Prospect of crops good
	16 Darjeeling „ 31, '87	Nil	Weather—cold and bright State and prospects of crops good
	17 Julpigorie „ 31, '87	Nil	Weather—seasonably cold Reaping of winter rice in full swing Tobacco, mustard and other standing crops doing well Price stationary
Eastern Districts.			
Dacca Division.	18 Dacca, Dec 31, '87	Nil	Weather—cold <i>Amun</i> paddy nearly reaped outturn good <i>Boro</i> paddy is being planted Prospects continue good
	19 Farreedpur „ 31, '87	Nil	Weather—seasonable Prospects of crops good
	20 Backergunge „ 29, '87	Nil	Weather—cloudy Prospects of crops good
	21 Mymnaingh „ 31, '87	Nil	Weather—seasonable State and prospects of crops satisfactory
CHITTAGONG DIV.	22 Chittagong Jan. 3, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> nearly finished outturn fair Winter crop good Prices steady
	23 Noakhully Dec 30, '87	Nil	Weather—seasonable, cloudy at times Harvesting of <i>amun</i> rice going on Prospects of <i>rubbi</i> crop good
	24 Tipperah „ 29, '87	Nil	Weather—cold and seasonable Harvesting of paddy is still progressing and the outturn is expected to be a bumper one Prospects of <i>rubbi</i> crops favourable
	25 Chittagong Hill Tracts „ 27, '87	Nil	Weather—very cold foggy up to 9 in the morning Harvesting of late plough-paddy continues Mustard and other cold weather crops progressing
	Hill Tipperah „ 29, '87	Nil	Weather—cold <i>Amun</i> paddy is still being reaped Gathering of cotton and <i>til</i> continues Tobacco, chillies and mustard doing well

No.	District and date of return.	Rainfall at Sudder Station in inches	Character of the weather and state and prospects of the crops.
BEHAR.			
PATNA DIVN.	26 Patna Dec., 31, '87	Nil	Weather—cold. Harvesting of paddy crop going on. Prospects of <i>rubbi</i> crops continue fair, but rain required. Prices of food-grains high owing to export to the North-Western Provinces. Prospect of poppy favourable.
	27 Gya „ 31, '87	Nil	Weather—cold and cloudy. Paddy is being reaped and threshed. Prospects of <i>rubbi</i> meagre. Poppy progressing tolerably well.
	28 Shahabad „ 31, '87	Nil	Weather—cool; high easterly wind prevailing; latterly cloudy. Harvesting of paddy almost over. <i>Rubbi</i> crops continue to promise well. Prospects favourable. Weather favourable for poppy; the crop is very promising and looks well.
	29 Durbhunga „ 31, '87	Nil	Weather—cloudy. Harvesting of rice nearly completed. Prospects of <i>rubbi</i> continue favourable; some rain is, however, much needed. Poppy looks well. Price of rice shows a tendency to rise.
	30 Mozufferpur „ 31, '87	Nil	Weather—cold with west wind until yesterday (30th), cloudy today (31st). Harvesting of paddy approaching completion; threshing in progress. Rain wanted for <i>rubbi</i> crops. Early poppy thriving; all the last re-sowings have proved a failure.
	31 Sarai „ 31, '87	Nil	Weather—seasonable. Mornings occasionally cloudy and foggy. <i>Rubbi</i> and poppy crops doing well. Prospects continue favourable. Irrigation going on where practicable, but a shower of rain would do much good.
BRAGULPORE DIVN.	32 Chumparun „ 31, '87	Nil	Weather—very cold; cloudy for the last two days. Paddy is being threshed; yield will be about average. Poppy thriving; weeding in progress. <i>Rubbi</i> promises well.
	33 Monguys Dec. 31, '87	Nil	Weather—cold. Harvesting of paddy is coming to a close. <i>Rubbi</i> crops continue to promise well, though a little rain would benefit wheat and gram. Prospects of poppy continue favourable except in places where scarcity of water is felt.
	34 Himgulour „ 31, '87	Nil	Weather—seasonable. Harvesting of late rice continues. Sugarcane is being cut. <i>Rubbi</i> doing well, but a shower of rain would be very beneficial now.
	35 Purneah „ 31, '87	Nil	Weather—seasonable. <i>Aghani</i> rice very nearly reaped. Other crops doing well.
	36 Maidan „ 31, '87	Nil	Weather—cool and cloudy. Harvesting of winter rice going on with a favourable outturn. <i>Kalai</i> and mustard are being gathered. Wheat, gram, barley and other cold-weather crops doing well. Common rice selling at an average of 24½ seers per rupee.
	37 Sonthal Pergas „ 31, '87	Nil	Weather—very cold. Harvesting of paddy almost completed; outturn below the average. Prospects of <i>rubbi</i> crops continue fair.
ORISSA.			
ORISSA DIVN.	38 Cuttack Dec. 30, '87	Nil	Weather—cool and fair. Reaping of <i>sarad</i> rice in progress. <i>Rubbi</i> crops are being gathered. <i>Dalua</i> rice is being transplanted. Common rice sells at 18½ to 20 seers per rupee in town.
	39 Pooree „ 29 '87	Nil	Weather—seasonable. <i>Sarad</i> rice is still being harvested. <i>Dalua</i> crop is being sown. Mango trees have begun to blossom. Common rice 24 seers 8 chittacks per rupee in the Sudder sub-division and 26 seers 11 chittacks in the Khorda sub-division.
	40 Balasore „ 30, '87	Nil	Weather—seasonable. More than three-fourths of <i>sarad</i> paddy have been harvested. <i>Dalua</i> is being sown. <i>Rubbi</i> doing well. Pressing of sugarcane has commenced.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
CHOTA NAGPORE DIVN.	41 Hazaripah „ Dec. 30, '87	Nil	Weather—bright and cold. No rain. Prospects of <i>rubbi</i> not good. It will yield a lighter crop than was expected. <i>Surgunja</i> and sugarcane continue to be harvested; the yield is expected to be between 12 and 14 annas for each crop. Poppy has come up well. Slight rain will prove beneficial to the crop, but there is no sign of it at present. Slight damage done to the crop by caterpillars. Condition of agricultural stock good except in certain places in thanas Huntergunj, Tandwa, Simiria, Jogeshur, Chatra and Bogodir, where cattle-disease has broken out.
	42 Lohardugga „ 31, '87	Nil	Weather—cloudy and warm. Rain is expected. It is much wanted for the <i>rubbi</i> crops. Prices steady.
	43 Singbnoom „ 30, '87	Nil	Weather—seasonable. Slight rain fell on the 27th December in the eastern part of the district. Winter oilseeds, pulses and cotton are reported on well, and the outturn is satisfactory—from 8 annas to 16 annas.
	44 Manbnoom „ 31, '87	Nil	Weather—cloudy and cold; looks like rain. Paddy harvest is about 10 annas. Prospects of sugarcane and <i>rubbi</i> crops good, except mustard, which is poor. <i>Tussur</i> and lac are bad. Cattle-disease in Purulia thana.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 3rd January 1888.P. NOLAN,
Secy. to the Govt. of Bengal.

IMPORTS INTO CALCUTTA.

* One maund of paddy is equivalent to 25 seers of rice.

The Sea-borne Trade of Calcutta in these Staples during the month of August 1887 was as follows:—

EXPORTED FROM ALCOHOL -																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of August 1887.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.				Drain-od.	Un-drained.	Blk. path.	On ku.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	7,32,094	71,105	2,57,140	2,03,311	20,532	1,91,465	849,032	1,97,032	93,098	...	2,098	644	5,238	41,098	314	21
river steamers ...	6,867	85	8,604	2,104	157	2,62,305	...	20,945	72	1,39,011	450	259	3,089	...	2,825	...
East Indian ...	95,410	3,223	1,86,917	1,10,048	14,293	...	28,280	4,70,970	44,985	845	9,538	747	1,153	2,270	...	...
rail { East Indian Railway ...	85,012	...	1,681	21,339	...	13,07,049	972,790	11,730	7,133	57,570	4,405	1,146	...	6,986	7,408	40
Eastern Bengal State Railway ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
road ...	40,100	4,915	296	...	...	829	7,625	...	...	...	433	...	2,220	3,418	...	...
sea ...	17,572	705	1,793	1,207	...	345	40,469	83	...	1,986	13,085	85	14,376	37,030	...	...
Grand total of 1887 ...	9,56,415	80,133	4,56,431	4,29,050	43,082	17,62,034	1,907,195	6,90,980	2,17,829	1,89,012	30,919	2,681	20,085	91,142	10,637	76
Imports in August 1886 ...	7,64,159	73,701	13,27,845	3,75,534	35,372	8,89,038	2,134,224	8,84,140	2,71,864	97,688	29,585	3,111	51,637	76,020	4,516	50

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of August 1887.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.				
BENGAL.													
Burdwan	Rs. 2,60,419	Rs. 5,830	Mds. 448	Mds. 816	Mds. 21,258	No. 48,083	CHOTA NAGPORE.	Rs. 55,755	Rs. 770	Mds. 9	Mds. 105	Mds. 1,998	No. 12
Beerbhoom	1,40,805	220	128	409	12,586	51,765	Hazarwagh	30,760	.....	.....	.....	817	3,409
Midnapore	1,62,106	200	2,639	.....	43,135	9,507	Manbhoom	.....	.....	.....	.....	.....	.....
Hooghly	90,555	2,087	737	163	842	61,125	Total of Chota Nagpore	1,36,521	770	9	922	5,337	.....
24-Pergunnahs	1,11,579	8,661	515	.....	13,148	7,810	Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	87,81,062	26,018	18,577	8,211	6,63,092	7,801
Nuddua	6,00,096	660	2,112	248	30,677	22,103							
Khulna	79,678	.....	170	.....	7,830	2,240							
Jessore	1,35,314	.....	574	82	20,003	6,405							
Moorshedabad	95,456	.....	52	.....	8,895	11,925							
Finaspore	2,17,075	.....	60	57	14,510	4,815							
Kajshahye	4,69,901	.....	35	50	22,627	2,205							
Rungpore	9,29,764	.....	124	73	16,103	2,490							
Boarra	3,30,057	.....	15	56	6,657	3,430							
Pudra	4,08,768	.....	254	35	70,239	38,225							
Darjeeling	2,26,107	.....	10	25	1,239	.....						
Julpigore	3,26,017	.....	72	45	14,087	1,925							
Dacca	12,03,930	.....	2,336	469	36,163	4,600							
Furzedpore	1,72,855	.....	1,722	223	37,079	8,395							
Backergunge	4,25,675	.....	695	3	21,034	.....						
Mymensingh	1,29,654	.....	.....	6	18,330	.....						
Tippurah	1,40,287	.....	280	.....	1,200	.....						
Chittagong	21,700	.....	.....	.....	17,900	.....						
Noakhali	.....	.....	.....	.....	.....	.....	
Total of Bengal	73,01,188	18,308	13,032	2,907	4,39,914	297,793							
BEHAR.													
Patna	1,24,551	1,870	159	298	54,173	251,290							
Gya	67,077	.....	16	595	4,825	8,225							
Shahabad	1,32,111	2,310	3	838	14,070	18,490							
Moanserpore	38,556	.....	2	12	5,679	4,620							
Surbhunga	1,04,454	.....	8	747	36,877	48,510							
Saran	1,39,356	.....	1	249	7,395	14,525							
Chumpanun	2,30,454	440	.....	123	6,932	18,310							
Monchyr	48,826	230	11	656	14,267	39,400							
Bhazupore	1,29,843	1,659	54	148	21,456	31,725							
Varanasi	40,744	.....	292	327	8,976	900							
Maidah	1,72,201	550	.....	.....	6,015	300							
Southai Pergunnahs	.....	.....	.....	.....	24,572	23,240							
Total of Behar	12,27,173	7,040	701	4,405	2,08,138	450,555							
ORISSA.													
Cuttack	9,090	.....	202	.....	327	14,000							
Balasore	1,07,180	.....	4,643	77	9,326	17,050							
Total of Orissa	1,16,180	.....	4,835	77	9,653	31,050							
The Sea-borne Trade of Calcutta in these Staples during the month of August 1887 was as follows:—													
IMPORTED INTO CALCUTTA—													
From Foreign Ports—								Rs.*	Rs.	Mds.	Mds.	Mds.	No.
United Kingdom								1,32,51,166	.....	14,579	.....	6,74,783	145
Other Foreign ports								65,179	.....	272	.....	1,31,788	243
Total of Foreign Trade								1,38,16,335	.....	14,851	.....	8,06,571	388
From Indian Ports—								.....	.....	.....	.....	.....	.....
Bombay								10,065	3,52,340	10	10,084	60,029	49
Madras								947	55,042	.....	.....	.....	.....
British Burmah								3,740	3,070	.....	.....	.....	.....
Other Indian ports								.....	250	.....	1	2	.....
Total of Interport Trade								14,752	4,10,702	11	10,086	60,039	100
Grand Total of Im-ports in August 1887								1,33,31,087	4,10,702	14,862	10,036	8,04,810	495
ports in August 1886								1,23,10,070	1,93,719	16,204	15,857	8,09,464	145
* As per tariff declaration value.													

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of August 1887.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats ...	4,33,428	647	3,828	...	3,81,085	128
river steamers ...	9,43,710	...	1,030	...	27,120	9
rail { East Indian Railway ...	32,02,509	30,910	6,034	7,840	1,97,865	83
Eastern Bengal State Railway ...	56,07,921	690	6,649	804	1,01,970	43
road ...	1,28,598	10,851	770	132	4,334	...
sea ...	6,17,464	235	8,945	5,904	7,078	4,807
Grand Total of Exports in August 1887 ...	1,19,93,690	43,903	27,300	15,316	7,19,462	5,947
August 1886 ...	75,70,181	56,948	24,105	9,780	7,11,281	6,411

Results of the Meteorological Observations taken at the Alipore Observatory from 25th to 31st December 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		O		Inches	O	O	O	O	O	O	O	%			Inches.	
Dec.	25th	124.0	1.7	30.027	62.7	74.5	22.2	52.3	57.1	0.398	52.6	72	NNW and calm	29	Nil	Chiefly cloudy O, =, P.
"	26th	124.8	3.8	054	65.0	76.0	18.5	57.5	58.6	.418	54.0	68	N by W and calm	42	"	Chiefly cloudy, O.
"	27th	132.0	3.6	.078	66.0	73.8	13.0	60.8	58.3	.389	52.0	61	NNW and N	76	"	Chiefly clou O.
"	28th	115.5	1.8	.047	64.0	72.4	12.5	59.9	57.0	.378	50.8	64	NNW and calm	69	Not measur- able.	Chiefly clou O, C.
"	29th	129.0	8.7	.018	62.6	76.6	24.4	52.2	55.4	.347	48.8	64	NNW and calm	54	Nil	Clear, =, P.
"	30th	127.5	8.6	.067	62.4	75.7	24.4	51.3	55.1	.352	49.3	65	NW and calm	27	"	Clear, =, P.
"	31st	128.5	8.6	.050	64.5	75.9	22.5	53.4	57.0	.367	50.4	60	NNW and calm	25	"	partially cloudy, O, =.

The mean pressure of the seven days ... 30050

The average pressure of the corresponding period for 24 years, S. G.'s Office ... 30.034

Hours.

The total number of hours of bright sunshine ... 36.8

The maximum possible number of hours of sunshine ... 75.1

O

The mean temperature of the seven days ... 63.9

The average temperature of the corresponding period for 24 years, S. G.'s Office ... 66.9

The extreme variation of temperature ... 25.3

The maximum temperature ... 76.6

Miles.

The highest velocity of the wind in one hour ... 8

ft

The highest pressure of wind on one square foot ... Not measurable.

%

The mean relative humidity ... 65

The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 71

Inches.

The total fall of rain from 25th to 31st December 1887 ... Nil.

The average fall of the corresponding period for 24 years, S. G.'s Office ... 00.1

The total fall from 1st January to 31st December 1887 ... 58.07

The average fall of the corresponding period for 24 years, S. G.'s Office ... 65.24

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h and 22h

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

O overcast, d drizzling rain, = fog, Δ dew.

JOHN ELIOT,

Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;

Calcutta, the 2nd January 1888.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.		DISTRICT.	Representative station.	STATION OBSERVATIONS.													
				AIR PRESSURE.			WIND.		TEMPERATURE.								
				Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of area.	Mean 10 A.M. temperature.
URIMA.	Pooree	Gopalpore	30.073	30.125	-0.053	NNW	192	76.2	25th, 27th Dec.	59.0	24th Dec.	75.1	62.4	68.8	+1.2	73.3	
		False Point	30.113	30.135	+0.022	N	147	76.9	26th "	51.5	26th "	70.1	55.4	65.8	-0.8	72.4	
	Cuttack	Cuttack	30.055	30.138	+0.083	NE	21	83.3	28th, 30th Dec.	53.9	24th "	81.2	58.7	69.9	+0.1	73.3	
		Balasore	Balasore	30.074	30.134	+0.060	N	67.4	81.8	30th "	50.5	24th "	79.1	54.5	66.8	+2.4	73.2
SOUTH-WEST BENGAL.	South-Wes. Midnapore	Saugor Island	30.111	30.137	+0.026	N, N.E.	257	76.2	24th, 30th Dec.	54.3	24th & 26th Dec.	75.1	57.2	66.2	+0.1	68.7	
		Midnapore	30.008	30.165	+0.157	N	845	80.4	24th "	50.2	26th "	78.1	53.3	65.7	-0.5	70.3	
	24-Pergunnah	Howrah	30.114	30.137	+0.023	NNW	51	76.5	24th, 30th Dec.	51.5	30th "	73.1	55.5	65.3	+1.0	60.1	
		Hooghly	Burdwan	30.036	30.140	+0.104	NNW	42.1	78.5	24th "	49.3	30th "	70.1	53.9	62.0	-0.5	61.3
	Bankoora	Bankoora	29.826	-	-	NW	7.4	79.6	31st, 26th Dec.	49.3	24th, 26th Dec.	77.1	52.0	64.6	-	68.1	
		Beerbhoom	Raneegunge	29.810	30.134	-0.084	Westerly.	91.2	79.7	30th "	50.7	30th "	77.6	51.1	65.4	+1.1	60.7
	West Burdwan	Mooredabad	30.076	30.146	+0.070	North-Westerly.	36.0	76.0	24th & 26th Dec.	51.2	30th "	75.4	51.5	63.5	-0.4	65.4	
		Nuddea	Krishnagur	30.053	30.121	-	WNW	41.8	77.7	24th "	47.2	26th "	75.5	50.9	63.2	-	66.9
	Jessore	Jessore	30.096	30.131	+0.035	NW	41.5	78.7	24th "	48.9	24th, 30th Dec.	76.7	53.2	65.0	+0.5	57.4	
		Khoolna	Chittagong	30.005	30.098	+0.093	NNE	36	79.6	24th, 27th Dec.	54.7	25th "	78.4	56.1	67.3	+1.4	70.3
EAST BENGAL.	Chittagong Hill Tracts	Demaziri	Observations not received.														
		Backergunge	Barrisal	30.099	30.112	-0.013	N	53.8	76.3	24th, 28th Dec.	51.0	30th "	75.4	54.9	65.2	+1.4	63.8
	Noakholly	Noakholly	30.046	30.091	-	Calm	-	78.0	28th "	48.0	30th "	77.3	52.0	64.6	+0.2	71.3	
		Furzedpore	Furzedpore	30.079	30.120	-0.041	N	34	74.0	28th "	47.5	30th "	73.3	52.9	63.1	+0.3	65.2
	Dacca	Dacca	30.097	30.120	+0.023	N	48	78.1	24th, 25th Dec.	50.7	30th "	77.0	53.3	65.2	+0.4	67.5	
		Commillab	Commillab	30.066	30.103	-0.037	NW	16.6	80.4	24th "	50.1	25th "	78.1	53.6	65.9	+2.6	60.6
	Mymensingh	Mymensingh	30.062	30.122	+0.060	NE	80	75.9	24th, 26th Dec.	49.1	30th "	75.0	51.8	63.4	+1.2	67.6	
		Bogra	Bogra	30.026	30.092	-	N	21.3	76.7	27th "	45.9	30th "	76.0	50.9	63.5	-	60.3
	Patna	Serajunge	30.068	30.116	-0.048	NNW	20.1	77.2	27th "	45.0	30th "	75.8	50.8	63.3	+0.8	67.2	
		Rajshahye	Rampore Beau- lach.	30.047	30.120	+0.073	N	68.0	77.2	24th, 26th, 27th Dec.	44.7	30th "	75.8	49.0	62.4	+0.9	67.9
NORTH BENGAL.	Maldab	Maldab	30.053	-	-	NW	-	77.2	27th, 28th Dec.	44.1	30th "	76.7	48.2	62.5	-	60.6	
		Dinapore	Dinapore	29.973	30.105	+0.132	WNW	41	76.6	26th "	46.3	30th "	75.4	49.6	62.1	+0.4	63.6
	Rungpore	Rungpore	29.950	30.081	-0.131	Calm	13.4	76.8	30th "	47.2	24th "	75.7	49.3	62.5	+2.3	63.4	
		Julpigoree	Julpigoree	29.840	30.143	+0.303	North-easterly.	20.3	75.9	27th "	48.9	29th "	74.5	50.8	62.7	+1.2	63.4
	Cooch Behar	Darjeeling Hill Tracts	Darjeeling	23.045	-	-0.023	Calm	39.0	49.0	26th "	34.1	25th "	48.1	35.4	41.7	+0.2	44.1
		Purneah	Purneah	30.018	30.152	+0.134	NW	38.2	74.2	27th "	45.4	30th "	73.0	47.0	60.0	-1.9	63.4
	North Bhagulpore	Observations suspended.															
		Mosufferpore	Mosufferpore	29.975	30.153	+0.178	WSW	76	76.2	30th "	48.1	30th "	73.1	51.1	62.1	+0.1	62.0
	Durbhunga	Durbhunga	29.872	30.108	-0.236	Westerly.	109.2	75.2	27th "	46.8	30th "	74.2	48.6	61.9	-0.2	70.4	
		Chumpran	Chumpran	29.942	30.148	+0.206	WNW	16.8	75.5	24th to 26th Dec.	46.1	30th "	74.2	49.2	61.7	+0.9	60.1
Barun	Barun	29.792	30.160	+0.368	SSW	141.4	77.5	30th "	50.0	27th "	74.9	52.9	63.9	+3.0	66.9		
	Shahabad	Buxar	29.911	30.106	+0.195	WNW	99.4	78.4	24th "	45.9	27th "	74.7	49.0	61.9	+0.3	67.0	
Gya	Arrah	29.934	30.141	+0.207	Westerly.	55.4	76.5	26th "	44.9	31th "	74.2	46.8	60.5	0	64.2		
	Gya	Gya	29.751	30.149	+0.398	W	71.0	75.9	26th "	48.9	24th "	76.1	51.2	63.7	+0.4	67.5	
Patna	Bankipore	29.976	30.109	+0.133	W	76.7	76.9	30th "	48.8	27th, 30th Dec.	74.3	49.2	61.8	+1.0	65.5		
	South Bhagulpore	Bhagulpore	29.979	30.148	+0.169	W	54.7	74.4	24th, 25th Dec.	45.0	27th "	73.7	48.1	60.9	0	64.8	
Monghyr	Donkha	29.817	-	+0.116	Calm, NW	46.7	77.6	26th "	45.1	30th "	75.8	48.7	62.2	+0.1	66.5		
	Hazariabagh	Hazariabagh	28.083	30.167	+0.084	NW	223.9	74.4	24th "	45.8	27th "	71.0	46.0	60.5	-0.1	64.3	
NAGPORE.	Lohardugga	Ranchee	27.946	30.146	+0.200	NW	154.2	74.3	24th "	47.8	27th "	71.4	50.0	60.7	+1.4	64.9	
		Manbhoom	Chyabassa	29.333	-	-	Variable	19.1	80.0	30th "	47.8	24th "	70.9	48.5	65.4	+1.7	70.8

* Mean for six days.
 The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The number in the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the past 12 months in the district sending in returns divided by the number of stations. A zero denotes no rain or less than one-tenth of an inch fall.

the week ending Friday, the 30th of December 1887.

at 10 A.M.		DISTRICT OBSERVATIONS.												Representative station.	DISTRICT	METEOROLOGICAL DIVISION.	
		Average cloud amount at 10 A.M. for week.	Rainfall of week at observing station.	RAINFALL.									Average number of rainy days.				Normal number of rainy days.
				OF WEEK.			Since 1st of month.			Since May 15th.							
				Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
60	2.4	Nil	-	-	-	-	-	-	-	-	-	-	-	Gopalpore	Pooree	ORISSA.	
61	2.7	Nil	Nil	0.03	Nil	0.94	-0.94	43.97	56.26	-12.29	0.0	0.1	Falae Point	Cuttack	...	...
62	3.7	Nil	Nil	0.03	Nil	0.68	-0.68	44.87	52.35	-7.48	0.0	0.1	Cuttack	Balasore	...	...
63	0	Nil	Nil	0.06	Nil	0.34	-0.34	41.84	53.72	-11.88	0.0	0.1	Balasore	South-West Midnapore	...	...
64	4.4	Nil	Nil	0.02	Nil	0.37	-0.37	58.28	62.16	-3.88	0.0	0.1	Rangor Island	South 24-Pergunnahs	...	...
65	3.3	Nil	0.01	0.01	0.01	0.25	-0.24	50.47	51.06	-0.59	0.3	0.1	Midnapore	24-Pergunnahs	...	...
66	5.4	Nil	Nil	0.02	Nil	0.31	-0.31	40.50	51.84	-11.34	0.0	0.1	Calcutta	Howrah	...	...
67	4.6	Nil	Nil	Nil	Nil	0.18	-0.18	45.04	46.37	-1.33	0.0	0.0	Burdwan	Houghly	...	...
68	2.9	Nil	Nil	Nil	Nil	0.34	-0.34	49.34	52.05	-2.71	0.0	0.0	Bankoora	Beerbhoom	...	...
69	4.3	Nil	Nil	0.01	Nil	0.14	-0.14	47.59	52.00	-4.41	0.0	0.1	Ranagunge	West Burdwan	...	...
70	2.9	Nil	Nil	0.02	Nil	0.17	-0.17	58.51	49.36	+9.15	0.0	0.1	Barhampore	Moorshedabad	...	...
71	4.0	Nil	Nil	0.02	Nil	0.15	-0.15	42.78	49.12	-6.34	0.0	0.1	Krishnaghar	Nuddea	...	...
72	4.4	Nil	Nil	0.02	Nil	0.28	-0.28	41.50	53.47	-11.97	0.0	0.1	Jessore	Jessore	...	...
73	0.5	Nil	Nil	0.02	Nil	0.58	-0.58	96.05	114.14	-18.11	0.0	0.1	Chittagong	Khoolna	...	...
74	2.0	Nil	Nil	Nil	Nil	0.63	-0.63	61.50	81.82	-20.32	0.0	0.1	Demagiri	Chittagong Hill Tracts	...	...
75	1.1	Nil	Nil	0.02	Nil	0.43	-0.43	59.32	77.67	-18.35	0.0	0.0	Barisal	Backergunge	...	...
76	1.3	Nil	Nil	Nil	Nil	0.82	-0.82	72.67	109.16	-36.45	0.0	0.1	Noakholly	Noakholly	...	...
77	1.3	Nil	Nil	Nil	Nil	0.13	-0.13	35.91	55.97	-20.06	0.0	0.0	Furroedpore	Furroedpore	...	...
78	2.3	Nil	Nil	Nil	Nil	0.28	-0.28	40.29	60.77	-20.48	0.0	0.0	Dacca	Dacca	...	...
79	2.1	Nil	Nil	0.02	Nil	0.40	-0.40	42.01	70.87	-28.86	0.0	0.1	Commillah	Commillah	...	...
80	3.9	Nil	Nil	0.06	Nil	0.23	-0.23	60.53	67.28	-6.75	0.0	0.2	Mymensingh	Mymensingh	...	...
81	0	Nil	Nil	0.01	Nil	0.15	-0.15	60.48	56.78	+3.70	0.0	0.1	Bogra	Bogra	...	...
82	2.6	Nil	Nil	0.03	Nil	0.14	-0.14	44.00	53.53	-9.53	0.0	0.1	Serajgunge	Pubna	...	...
83	0.9	Nil	Nil	0.01	Nil	0.11	-0.11	40.57	53.63	-13.06	0.0	0.1	Rampore Beaulah	Rajshahye	...	...
84	1.9	Nil	Nil	0.03	Nil	0.13	-0.13	46.61	54.39	-7.78	0.0	0.1	Maldah	Maldah	...	...
85	0.7	Nil	Nil	0.01	Nil	0.22	-0.22	60.06	55.75	+4.31	0.0	0.1	Dinapore	Dinapore	...	...
86	0	Nil	Nil	0.02	Nil	0.17	-0.17	80.60	72.94	+7.66	0.0	0.1	Rungpore	Rungpore	...	...
87	0.3	Nil	Nil	0.01	Nil	0.21	-0.21	117.43	110.18	+7.24	0.0	0.1	Julpigoree	Julpigoree	...	...
88	2.0	Nil	Nil	0.05	Nil	0.38	-0.38	117.17	120.22	-3.05	0.0	0.2	Darjeeling	Gooch Behar	...	...
89	0.4	Nil	Nil	0.03	Nil	0.12	-0.12	65.04	57.54	+7.50	0.0	0.1	Purneah	Darjeeling Hill Tracts	...	...
90	0	Nil	Nil	0.04	Nil	0.14	-0.14	46.90	42.68	+4.22	0.0	0.1	Mozufferpore	Purneah	...	...
91	0.4	Nil	Nil	0.03	Nil	0.11	-0.11	49.63	45.74	+3.89	0.0	0.1	Durbhunga	North Bhagulpore	...	...
92	0.4	Nil	Nil	0.06	Nil	0.23	-0.22	49.33	45.93	+3.40	0.0	0.1	Motihari	Mozufferpore	...	...
93	0	Nil	Nil	Nil	Nil	0.16	-0.16	39.35	42.49	-3.14	0.0	0.0	Chupra	Chumparun	...	...
94	0.6	Nil	Nil										Dehree	Saran	...	...
95	1.0	Nil	Nil	0.05	Nil	0.27	-0.27	37.55	39.67	-2.12	0.0	0.1	Buxar	Shahabad	...	...
96	1.1	Nil	Nil										Arrah		...	...
97	2.6	Nil	Nil	0.05	Nil	0.26	-0.26	38.04	41.07	-3.03	0.0	0.1	Gya	Gya	...	...
98	1.0	Nil	Nil	0.04	Nil	0.16	-0.16	36.04	40.98	-4.94	0.0	0.1	Bankipore	Patna	...	...
99	0.4	Nil	Nil	0.03	Nil	0.10	-0.10	42.93	42.62	+0.31	0.0	0.1	Bhagulpore	South Bhagulpore	...	...
100	1.0	Nil	Nil	0.02	Nil	0.18	-0.13	52.49	50.14	+2.35	0.0	0.1	Deomka	Monghyr	...	...
101	2.7	Nil	Nil	0.01	Nil	0.32	-0.33	40.4	50.18	-9.78	0.0	0.1	Hazaribagh	South Bhagulpore	...	...
102	5.1	Nil	Nil	0.03	Nil	0.23	-0.23	44.34	46.84	-2.50	0.0	0.1	Ranch	Hazaribagh	...	...
103	4.7	Nil	Nil	Nil	Nil	0.38	-0.38	49.62	50.84	-1.22	0.0	0.0	Chyebassa	Lohardugga	...	...
104														Manbhoom		...	
105														Singbhoom		...	

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 The cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall the normal means
 The means of the district are the numerical averages of the rainfall returns received in the district, i.e., from the total rainfall at the sub-divisions.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 30th of December 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May.	Average rain-fall from 1st to 30th.
			Saturday, 24th December.	Sunday, 25th December.	Monday, 26th December.	Tuesday, 27th December.	Wednesday, 28th December.	Thursday, 29th December.	Friday, 30th December.	Number of rainy days.	of Rainfall week.				
SOUTH-WEST BENGAL.	Pooree	Pooree	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.74	34.41	51
		Khurda	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.53	38.72	51
		Bampur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.63	39.00	51
		False Point	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.84	64.74	51
		Gop	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	28.34	51
		Pipili	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	51
	Cuttack	Jacatsingapore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.41	31.38	41
		Hanki	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.33	41.90	41
		Cuttack	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.37	48.86	51
		Kendrapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.51	64.30	51
SOUTH-WEST BENGAL.		Jalpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.73	47.89	51
		Dharmasalla	0.03	Nil	Nil	Nil	Nil	Nil	Nil	1	0.05	10.12	?	42.98	51
		Saipore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	50.31	51
	Balasore	Chandbali	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.66	39.89	51
		Bhuddruck	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.42	42.76	51
		Sorah	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.16	38.36	51
		Balasore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.41	48.77	51
		Jellapore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.12	37.96	51
		Baripodah	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.28	43.33	51
	Midnapore	Contai	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	48.82	51
SOUTH-WEST BENGAL.		Saugor Island	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.38	70.12	51
		Tumlook	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.25	40.80	51
		Midnapore	Nil	Nil	Nil	0.03	Nil	Nil	Nil	1	0.06	0.13	0.18	46.22	51
		Ghatol	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.30	55.33	51
		Kutakati	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	51.37	51
		Heria	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	40.71	51
		Bhagwanpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	42.92	51
		Garbeta	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	48.28	51
	24 Pargunnahs	Diamond Harbour	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.29	55.91	51
		Canning Town	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	40.99	51
SOUTH-WEST BENGAL.		Alipore Jail	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.37	51.48	51
		Harrackpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.31	40.02	51
		Dum-Dum	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.32	40.65	51
		Barasat	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.33	37.83	51
		Buseerhat	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.25	51.18	51
	Howrah	Howrah	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.35	37.34	51
		Moheraka (Uoloberiah.)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.33	37.88	51
	Hooghly	Serampore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.31	34.00	51
		Hooghly	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.30	39.53	51
		Jehanabad	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.20	34.97	51
SOUTH-WEST BENGAL.	Burdwan	Culina	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.23	38.32	51
		Burdwan	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.21	44.75	51
		Cutwa	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.10	54.10	51
		Kaneegunge	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.11	46.68	51
		Manikpur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	41.78	51
	Bankura	Bankura	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.23	43.33	51
		Bishnupore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.32	54.34	51
		Maliara	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.30	49.08	51
		Khatra	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.51	50.98	51
		Indas	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	30.83	51
SOUTH-WEST BENGAL.		Kotalpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	43.95	51
		Anda	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	38.64	51
		Gangajalghati	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	68.99	51
		Barpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	51.66	51
		Sunamukhi	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	35.61	51
	Beerbhoom	Bh. Bory	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.11	40.49	51
		Hetampore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.14	50.80	51
		Kampore Haut	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.18	44.38	51
		Botpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	61.34	51
	Nuddea	Ranaghat	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.21	38.58	51
SOUTH-WEST BENGAL.		Kishnaghat	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.11	42.55	51
		Chowadanga	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.14	41.94	51
		Meherpore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.16	47.74	51
		Koushtea	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.12	43.03	51
	Khoolna	Satkira	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.37	40.09	51
		Bagirhat	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.29	51.21	51
		Khoolna	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.36	42.86	51
	Jessore	Narail	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.27	22.97	51
		Jessore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.26	39.08	51
		Jhenidah	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.18	42.53	51
SOUTH-WEST BENGAL.		Mugoorah	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.15	30.84	51
		Bongong	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.31	60.42	51
	Moorshedabad	Kandi	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.19	46.67	51
		Berhampore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.19	55.25	51
		Lalbagh	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.18	66.77	51
		Azimungunge	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.11	50.31	51
		Jungipore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.19	62.68	51
		Lalkola	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.14	62.15	51
		Akhrigaj	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	52.22	51
		Patkabari	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	51
SOUTH-WEST BENGAL.	Chittagong	Cox's Bazar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.40	118.54	151
		Chittagong	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.73	75.63	151
		Kutubdia	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	73.07	151
		Chittagong	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	63.21	151
	Chittagong Hill Tracts.	Rangamati	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.58	63.48	151
		Ruma	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.65	69.53	151
	Haorungunge	Patuakhali	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.52	60.52	151
		Perorepore	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.50	68.00	151
		Burrisai	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.34	66.84	151
		Bhola	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.57	65.91	151

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 30th of December 1887—contd.

Meteorological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain fall from 1st of month.	Total rain-fall since 16th May.	Average rainfall from 15th May to date.
			Saturday, 24th December.	Sunday, 25th December.	Monday, 26th December.	Tuesday, 27th December.	Wednesday, 28th December.	Thursday, 29th December.	Friday, 30th December.	Number of rainy days.	of rainfall week.				
WEST BENGAL -continued.	Noakhally ..	Gournaddi	Nil	Nil	Nil	?	40'32	?	
		Baughal	Nil	Nil	Nil	?	61'09	?	
		Noakhally	Nil	Nil	Nil	0'63	72'44	109 17	
		Fenny	Nil	Nil	Nil	1'61	72'48	108 77	
	Surfodpore ..	Harishpore	Nil	Nil	Nil	?	73'43	?	
		Bamganj	Nil	Nil	Nil	?	60'03	?	
	Ilach ..	Madaripore	Nil	Nil	Nil	0'18	54 89	56 25	
		Furzedpore	Nil	Nil	Nil	0'14	57'32	56'83	
		Goalundo	Nil	Nil	Nil	0'11	55'50	56'73	
		Munshigunge	Nil	Nil	Nil	0'34	39'21	71'62	
	Hill Tipperah ..	Dacca	Nil	Nil	Nil	0'19	45'13	59'73	
		Narainkunge	Nil	Nil	Nil	0'51	41'91	61 83	
		Mannikunge	Nil	Nil	Nil	0'12	34'88	50'95	
		Joydebpore	Nil	Nil	Nil	?	50'87	?	
		Agartola	Nil	Nil	Nil	0'39	50'87	62 13	
		Comilla	Nil	Nil	Nil	0 46	48'15	77 15	
		Chandpore	Nil	Nil	Nil	0 48	37'92	81 83	
		Brahmunberia	Nil	Nil	Nil	0'29	39'59	62 53	
		Ramchandrapore	Nil	Nil	Nil	?	37'08	?	
		Nasirnagar	Nil	Nil	Nil	?	36'14	?	
Mymensingh ..	Daudkandi ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36'15	?
	Kasba ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42'40	?
	Laksham ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	30'31	?
	Kishorekunda ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'34	57'88	69'80
	Atia (Tangail) ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	38'94	55'78
	Mymensingh ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	68'70	73 87
	Jamulpore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'26	62'51	64'83
	Netrokona ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'28	73'62	72 87
	Subornakhally ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'74	?
	Durgapore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	115'01	?
SOUTH BENGAL	Deuaganj	Nil	Nil	Nil	?	79'95	?	
	Pubna ..	Pubna	Nil	Nil	Nil	0'11	37'71	54 56	
		Berajunga	Nil	Nil	Nil	0'15	50'25	62 56	
	Hogra ..	Sherpore	Nil	Nil	Nil	0'18	47'82	58'67	
		Nowkhilla	Nil	Nil	Nil	0'12	59'25	83 90	
		Bogra	Nil	Nil	Nil	0 49	66'84	59 77	
		Panchbibi	Nil	Nil	Nil	0'29	68'01	54'35	
	Najshahye ..	Beaulah	Nil	Nil	Nil	0'09	51'85	52'44	
		Natore	Nil	Nil	Nil	0'11	47'19	54'76	
		Naogaon	Nil	Nil	Nil	?	02'32	?	
		Lalpor	Nil	Nil	Nil	?	34'09	?	
	Waldai ..	Manda	Nil	Nil	Nil	?	62'62	?	
		Maldah	Nil	Nil	Nil	0'17	49'61	51'33	
		Chanchal	Nil	Nil	Nil	0'07	48'54	57'44	
		Gajol	Nil	Nil	Nil	?	51'19	?	
	Dinagopore ..	Stiganj	Nil	Nil	Nil	?	52'82	?	
		Mohadebpore	Nil	Nil	Nil	0'20	62'07	57'43	
		Churamon	Nil	Nil	Nil	0'20	88'47	52'24	
		Naigunge	Nil	Nil	Nil	0'18	73'29	56'27	
	Kungpore ..	Dinagopore	Nil	Nil	Nil	0'10	80'14	62'02	
Baloorghat ..		.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'42	61'23	50'87
Mhawangunge ..		.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'15	67'13	60'98
(Gyabanda) ..		.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	80'37	73'78
Jalpiakore ..	Bungpore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	74'54	73'75
	Kurigram ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'22	100'84	82'85
	Bagdagra ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	01'43	?
	(Niphamari) ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	01'43	?
Unnah Behar ..	Ulipore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	01'43	?
	Jalpiakore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'11	124'71	113'88
	Alipore Doar ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	135 96	?
	Fallacitta ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	142'14	?
Darjeeling Hill.	Debigun ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	96'07	?
	Dumhat ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'31	101'17	94'20
	Cooch Behar ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'12	122'32	117'59
	Mickligunge ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'28	122'05	106'09
North Bengal-pore.	Matahnauka ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	116'93	119'66
	Buxa ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'51	166'72	191'24
	Siliguri ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	107'51	101 23
	Darjeeling ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'27	114'22	109'33
Purneah ..	Kalimpong ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'52	86'24	79'03
	Kimsengunge ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	84'37	68 80
	Arraoh ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	66'55	62'07
	Purneah ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	66'28	59'33
North Bengal-pore.	Gondwara ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
	Balerumpore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	66'05	?
	Martari ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	81'14	?
	Kaliaganj ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	79'11	?
Darrhunge ..	Masdaipore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0 08	53'53	48'79
	Souppool ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	54'10	47'16
	Protaganj ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	68'11	?
	Tajpore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0 07	44'40	42'67
Mousherpore ..	Durounga ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	52 7	44'97
	Madhuoani ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'09	55'10	43'94
	Nahera ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'94	?
	Roshera ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'08	?
Chumpanan ..	Sitamarni ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	66'24	61'40
	Mosufferpore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'14	43'16	44'04
	Hajipore ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	37'22	61'67
	Fara ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	41'14	?
Mousherpore ..	Mahua ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	35'51	?
	Bikhar ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	44'02	?
	Papri ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'68	?
	Motihari ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	59'45	43'07
Chumpanan ..	Betiah ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	38'30	45'06
	Bapaha ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	59'16	?
	Burhura ..	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36'01	?
			Nil	Nil	Nil	?		?	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 30th of December 1887—concl

Meteorological Division.	District.	Station.	RAINFALL							TOTAL		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 16th May.	Average rainfall from 16th May to date.
			Saturday, 24th December.	Sunday, 25th December.	Monday, 26th December.	Tuesday, 27th December.	Wednesday, 28th December.	Thursday, 29th December.	Friday, 30th December.	Number of rainy days.	of rainfall weeks.				
NORTH BHAR	Bardhaman	Gopalgunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.21	41.80	46.78
		Bewan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.16	38.94	43.08
SOUTH BHAR	Bhadrabad	Chaurah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.14	37.22	40.12
		Buxar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.23	38.50	38.50
		Dumree	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	37.86	?
		Huhoosh	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.39	40.78	40.11
		Nameram	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.30	35.44	40.34
		Arrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.20	40.33	39.30
		Mohania	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Aurangabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.35	29.23	46.78
		Gya	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.24	42.13	41.95
		Nowadah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.23	35.03	35.38
		Johannabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.21	45.61	39.28
		Arwal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	39.24	?
		Bandnagar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	37.51	?
		Sherrphati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36.76	?
		Kajauli	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	37.43	?
		Pakri Karawan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	21.42	?
		Patna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.17	36.36	41.71
		Dhupor	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.19	37.58	41.07
		Behar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.14	34.30	41.58
		Harr	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.13	35.71	38.96
		Bickram	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	39.75	?
		Hilsa	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	33.54	?
		Monohyr	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.08	48.86	39.01
		Monohyr	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.08	40.64	45.98
		Jamun	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.09	38.90	42.96
		Gopri	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42.63	?
		Shikpura	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	28.14	?
		Shikpura	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.12	40.85	41.88
		Hanku	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.14	39.54	45.07
		Koipong	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	43.27	?
		South Per-gunnah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.07	57.73	51.95
		Godda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.11	49.10	44.40
		Pakour	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.08	77.76	53.11
		Nya Doonka	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.13	44.77	58.46
		Deoghar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.15	46.71	49.70
		Jamun	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.17	38.88	49.34
		Samra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Nuwahat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36.54	?
CHUTIA NAG-PUR.	Hasaribagh	Pachamou	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.18	40.07	47.31
		(Girdi)	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.31	45.48	47.04
		Harariungu	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.37	39.34	40.08
		Somakurnu	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.33	47.86	47.43
		Manudi Hills	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.44	57.10	65.47
		Juonmrah Hills	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	38.47	?
		Barka	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	47.73	?
		Chitra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	72.16	?
		Karagdeha	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	50.34	?
		Kamghur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Lohardugga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	53.87	?
		Kanoni	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.26	56.43	51.11
		Paimow	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.27	48.28	47.34
		Bili	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42.60	?
		Batumat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Hossainabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	34.98	?
		Gorwah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	52.79	?
		Chingthoom	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.38	49.82	50.86
		Chakradhar-pore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36.99	?
		Chutilla	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	53.40	?
		Bakarapura	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	38.64	?
		Manbhoon	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.23	44.11	48.70
		Gobindpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.18	29.53	45.98
		Kayunnath-pore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36.86	?
		Barrabhoon	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40.02	?
		Jhaida	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Onas	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 3rd January 1888.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 30TH
OF DECEMBER 1887.**

THE fine settled weather which had obtained throughout the whole of Bengal since the commencement of December has, during the present week, changed slightly owing to the influence of disturbed conditions in Central India, which gave light to moderate rain over that area on the 27th and 28th of December. The disturbed conditions which were induced in Bengal were not, however, sufficiently developed to give more than heavily clouded skies over a considerable part of the province, though at one or two isolated stations a few drops or even slight showers of rain have fallen. At the commencement of the week, therefore, ordinary cold-weather conditions existed over Bengal, skies were almost cloudless over the greater part of the province, temperature and humidity were low, and a steady northerly wind current was blowing. With the development of the disturbed conditions over Central India, conditions in Bengal to a certain extent became reversed; the sky clouded over rapidly, particularly in South and South-West Bengal; temperature, decidedly increased, the increase being principally in the night temperatures; humidity generally rose and at one or two stations in Orissa and South-West Bengal slight rain was reported. In the northern districts of the province the weather conditions were much less affected, and here generally the weather has remained almost throughout the week of ordinary north-east monsoon condition. The effect of the disturbed conditions, however, rather rapidly passed away from Bengal, and on the 29th and 30th skies were generally almost cloudless over the whole province, and weather appeared again settled.

Pressure.—The changes of pressure have generally been small throughout the week; on the 24th there was a slight fall, which was followed by a steady increase which lasted three days; on the 28th and 29th pressure fell at most stations, and on the 30th there was a rather rapid rise. Taking into consideration only those stations from which observations have been received for many years, and which therefore yield reliable averages, the mean pressure of the province for the whole week has been 0.02 inch in excess of the normal, and on the whole the distribution of the excess has been very equal, though, if anything, the excess has been largest in the west of the province.

Temperature.—The variations of temperature during the week have been rather considerable, and owing to the increase which took place in the middle of the week, the mean temperatures have been decidedly above the normal. The mean temperature of the province has been 0.7° in excess of the normal, but the largest excess (above 1°) has been confined to East and North Bengal and Chutia Nagpur, while in North Behar temperature has been slightly below the normal.

The general distribution and variation of temperature from the normal can be most clearly seen from the following table, where the actual average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are given, compared with the normal means for the same period. At these nine stations the day or maximum temperatures have been 0.4° in defect of the normal, while the night or minimum temperatures have been 0.6° in excess.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 30th December 1887.

	Normal mean maximum temperature for the week ending 30th December.	Actual mean maximum temperature for the week ending 30th December 1887.	Excess or defect of the actual from the normal mean.	Normal mean minimum temperature for the week ending 30th December.	Actual mean minimum temperature for the week ending 30th December 1887.	Excess or defect of the actual from the normal mean.	Normal mean daily temperature for the week ending 30th December.	Actual mean daily temperature for the week ending 30th December 1887.	Excess or defect of the actual temperature from the normal mean.
Cuttack ...	82.6	81.2	-1.4	57.3	58.7	+1.4	70.0	69.9	-0.1
Calcutta (Alipore) ...	75.4	75.1	-0.2	53.2	55.5	+2.3	61.3	65.3	+4.0
Dacca ...	77.1	77.0	-0.1	54.5	55.3	+0.8	65.8	66.2	+0.4
Burduwan ...	77.3	76.1	-1.2	53.6	53.9	+0.3	65.5	65.0	-0.5
Patna (Bankipore) ...	72.9	74.3	+1.4	48.6	49.2	+0.6	60.8	61.8	+1.0
Gya ...	75.5	76.1	+0.6	51.1	51.2	+0.1	63.3	63.7	+0.4
Purneah ...	75.7	73.0	-2.7	48.0	47.0	-1.0	61.9	60.0	-1.9
Hazaribagh ...	72.0	71.0	-1.0	49.2	49.9	+0.7	60.6	60.5	-0.1
Barjeeling ...	47.8	48.1	+0.3	35.6	36.4	+0.8	41.5	41.7	+0.2

Rainfall.—The only rainfall reported during the week has been 0.05 inch at Dhurmsalla, in the Cuttack district, on the 24th, and 0.03 inch at Midnapore on the 27th instant.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 30th of December 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE								RAINFALL								
	Highest observed during week.	Lowest observed during week.	Averages for week.				Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average		Normal average	Variation	Average per week.	Normal average number in week.	Variation	Average	Normal average.	Average	Normal average	
Orissa	83.3	60.5	77.9	57.8	67.8	+0.7	Nil	0.04	-0.04	0.0	0.2	-0.2	Nil	0.61	43.42	53.93	
South-West Bengal	80.4	47.8	76.3	53.6	65.0	+0.2	Nil	0.01	-0.01	0.0	0.1	0.1	Nil	0.24	46.71	51.80	
East Bengal	80.4	47.5	76.4	53.9	65.2	+1.2	Nil	0.02	-0.02	0.0	0.1	-0.1	Nil	0.39	53.50	74.10	
North Bengal	77.2	44.1	75.7	49.7	62.7	+1.1	Nil	0.01	-0.01	0.0	0.1	-0.1	Nil	0.17	73.60	69.63	
North Behar	75.5	40.8	73.6	47.7	60.7	-0.3	Nil	0.03	-0.03	0.0	0.1	-0.1	Nil	0.14	52.07	47.89	
South Behar	78.9	44.9	74.8	49.4	62.1	+0.7	Nil	0.03	-0.03	0.0	0.1	-0.1	Nil	0.17	41.85	43.51	
Churia Nagpur	74.4	45.8	73.1	51.2	62.2	+1.0	Nil	0.02	-0.02	0.0	0.1	-0.1	Nil	0.22	44.50	48.90	

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL.

A. PÉDIER,

The 3rd January 1888

Offg. Meteorological Reporter to the Govt. of Bengal

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 25th to 31st December 1887.

MONTH.	Date.	TEMPERATURE				Mean wet bulb.	HYGROMETRY			Rain.
		Mean.	Maximum.	Range.	Minimum.		Bar. at 10h.	Dew point.	Humidity.	
1887							Inches.		%	Inches.
December	25th	63.4	76.4	21.5	51.9	68.2	419	54.0	71	Nil
"	26th	64.5	77.9	21.0	56.9	58.6	415	53.8	88	"
"	27th	63.8	75.4	16.1	59.3	56.8	351	49.2	56	"
"	28th	64.2	73.7	15.8	57.9	56.0	340	48.3	56	"
"	29th	64.8	77.9	26.4	51.5	56.5	318	49.0	57	"
"	30th	61.5	77.9	26.9	51.0	57.0	367	50.4	60	"
"	31st	64.7	77.9	25.1	52.8	58.0	408	51.3	69	"

The mean temperature of the seven days ... 64.4
 The extreme variation of temperature ... 26.9
 The maximum temperature ... 77.9

The mean relative humidity ... 62

The total fall of rain from 25th to 31st December 1887 ... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

JOHN ELIOT,

The 2nd January 1888.

Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE mortuary statistics of the districts of Bengal for the month of October 1887 furnish the following results:—

1. That 135,326 persons died among a population of 66,163,884, representing a casualty-rate of 24.48 per 1,000 per annum, against 20.40 per 1,000 in the preceding month, and 25.20 per 1,000 during the corresponding month of the past year, indicating, as compared with the former period, a large increase in mortality.

2. That the following districts returned the highest proportions of deaths:—

Districts.	Ratio per mille.	Districts.	Ratio per mille.
Maldah	47.40	Hazaribagh	29.28
Rajshahye	44.40	Lohardugga	29.22
Dinajpur	42.84	Rungpore	28.00
Murshidabad	42.72	Backergunge	27.84
Monghyr	40.32	24-Pergunnahs	27.36
Julpaiguri	35.40	Pubna	27.12
Nuddea	35.04	Darjiling	26.04
Bhagulpore	32.88	Purneah	25.32
Bogra	32.62	Patna	25.04
Birbhum	29.88		
Shahabad	29.76		
Gya	29.52		

3. That the mortality from the principal diseases does not exhibit any noticeable difference in comparison with the death-rates from the same diseases during the corresponding month of the preceding year:—

	Ratio per mille during—	
	October 1887.	October 1886.
Cholera	48	1.44
Small-pox	01	01
Fever	19.44	18.96
Bowel-complaints	72	81
Injury	36	48
Other causes	3.24	3.24

4. That fever exhibited greatest activity in the undermentioned districts, while the rest of the diseases did not display conspicuous fatality anywhere, excepting in Lohardugga where 3.72 per 1,000 of the population died from cholera, and in Puri where 11.64 per 1,000 of the population were carried off by the diseases classed under the head of "Other causes."

Fever	Ratio per mille.	Fever.	Ratio per mille.
Maldah	45.84	Rungpore	26.28
Rajshahye	42.72	Pubna	25.80
Dinajpur	39.84	Hazaribagh	24.96
Murshidabad	39.36	Birbhum	24.00
Julpaiguri	33.08	Purneah	23.88
Monghyr	32.16	Shahabad	23.64
Nuddea	30.72	Gya	23.28
Bogra	29.16	Khulna	21.60
Bhagulpore	27.00		

5. That the death-rates in relation to Sex, Class and Age stood as follows:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	25.80	Christians	16.68	Under 1 year	157.56
Females	23.16	Hindus	23.88	1 and under 5 years	81.80
Ratio of male deaths to every 100 female deaths	110	Mahomedans	25.80	5 " " 10 " "	15.00
		Budhists	10.44	10 " " 15 " "	12.12
		Other classes	23.53	15 " " 20 " "	15.12
				20 " " 30 " "	15.48
				30 " " 40 " "	16.92
				40 " " 50 " "	22.32
				50 " " 60 " "	32.88
				60 years and upwards	54.96

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 30th December 1887.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of October 1887.

DIVISIONS.		POPULATION.		MORTALITY ACCORDING TO—										Sex.									
				DISEASE.																			
				DEATHS FROM—										RATIO PER 1,000 OF POPULATION PER ANNUM.		COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.	
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MORTALITY ACCORDING TO—										DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.										AGE.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
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OFFICE OF SANITARY COMMISSIONER FOR BENGAL.

R. LIDDELDALF, M.D., Deputy Surgeon-General.
Sanitary Commissioner for Bengal.

MEMORANDUM.

The chief incidents in connection with the vital statistics of the principal Municipalities in Bengal for the week ending 10th December 1887 are the following:—

1. That the ratio of births during the period above-mentioned stood at 25·9, and that of deaths at 33·4 per 1,000 of population, the record of the preceding week ending 3rd December presenting 27·4 and 31·8 per 1,000, respectively, indicating a fair advance in the registration of deaths against a falling off in that of births.

2. That the highest proportions of births and deaths were returned from the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Serampore	...	49·1	Narainganj	...	70·4
Comillah	...	46·2	Serampore	...	68·7
Monghyr	...	44·3	Suburbs of Calcutta	...	63·9
Puri	...	44·1	Beaulah	...	55·2
Durbhanga	...	40·9	Durbhanga	...	51·1
Bhagulpore	...	35·3	Kishnaghur	...	41·7
Beaulah	...	34·2	Gya	...	40·9
Gya	...	30·8	Puri	...	37·8
			Comillah	...	34·7
			Jessore	...	30·6

3. That in comparison with the results of the preceding week, there were no marked differences in the casualty-rates from any of the diseases specified in the table appended to this memorandum; *vide* figures quoted below:—

				Ratio per mille during the weeks ending—	
				10th Dec. 1887.	3rd Dec. 1887.
Cholera	...	...	...	4·2	3·5
Small-pox	...	...	...	3	
Fever	...	...	...	13·1	13·5
Bowel-complaints	...	...	...	6·5	5·5
Injury	...	...	...	4	3
Other causes	...	...	...	9·9	9·0

4. That referring to the death-causes above indicated, while the casualties from small-pox and injury were not large anywhere, the others proved conspicuously fatal to life in the following Municipalities:—

Cholera.		Fever.		Bowel-complaints.		Other causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.		Ratio per mille.
Narainganj	29·0	Beaulah	44·7	Serampore	13·7	Narainganj	37·2
Durbhanga	18·9	Kishnaghur	37·9	Puri	12·6	Gya	25·2
Suburbs of Calcutta	10·9	Serampore	33·4	Suburbs of Calcutta	11·4	Serampore	21·6
Howrah	5·2	Jessore	24·4			Suburbs of Calcutta	19·5
		Suburbs of Calcutta	21·7			Comillah	15·4
						Monghyr	10·8
						Puri	10·5

5. That the death-rates according to Sex, Class and Age, stood as shown below:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	37·7	Christians	30·4	Under 1 year	288·1
Females	28·5	Hindus	32·4	1 and under 5 years	49·8
Ratio of male deaths to every 100 female deaths	150	Mahomedans	36·1	5 " 10 "	17·5
		Budhists	24·2	10 " 15 "	14·5
				15 " 20 "	24·0
				20 " 30 "	18·6
				30 " 40 "	24·4
				40 " 50 "	22·7
				50 " 60 "	34·4
				60 years and upwards	76·2

R. LIDDERDALE, M.D., Deputy Surgeon-General,

The 31st December 1887.

Sanitary Commissioner for Bengal.

		1		2		3		4		5		6		7		8		9		10		11		12													
		POPULATION												BIRTHS												MORTALITY ACCORDING TO—											
		MALES				FEMALES				TOTAL				RATIO PER 1000 OF POPULATION PER ANNUM				RATIO OF MALE BIRTHS TO EVERY 100 FEMALE BIRTHS				DISEASE				DEATHS FROM—				SEX							
		Total		Males		Females		Total		Males		Females		Total		Males		Females		Total		Males		Females		Males		Females		Total							
NAME OF MUNICIPAL PAZARIES		Total		Males		Females		Total		Males		Females		Total		Males		Females		Total		Males		Females		Males		Females		Total							
Burdwan	Burdwan	19,063	16,075	35,138	10	9	19	10	9	19	10	9	19	10	9	19	10	9	19	10	9	19	10	9	19	10	9	19	10	9							
Midnapore	Midnapore	16,997	16,638	33,635	11	7	18	11	7	18	11	7	18	11	7	18	11	7	18	11	7	18	11	7	18	11	7	18	11	7							
Hughli	Hughli and Chinsurah	10,179	10,539	20,718	8	12	20	8	12	20	8	12	20	8	12	20	8	12	20	8	12	20	8	12	20	8	12	20	8	12							
Barrackpore	Barrackpore	13,589	12,687	26,276	17	8	25	17	8	25	17	8	25	17	8	25	17	8	25	17	8	25	17	8	25	17	8	25	17	8							
Howrah	Howrah	2,464	2,464	4,928	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2							
Suburbs of Calcutta	Suburbs of Calcutta	24,153	27,600	51,753	31	19	50	31	19	50	31	19	50	31	19	50	31	19	50	31	19	50	31	19	50	31	19	50	31	19							
Kishoreganj	Kishoreganj	7,938	6,979	14,917	4	1	5	4	1	5	4	1	5	4	1	5	4	1	5	4	1	5	4	1	5	4	1	5	4	1							
Ranaghat	Ranaghat	14,205	10,934	25,139	67	64	131	67	64	131	67	64	131	67	64	131	67	64	131	67	64	131	67	64	131	67	64	131	67	64							
Santipur	Santipur	13,263	14,444	27,707	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4							
Jessore	Jessore	4,684	4,255	8,939	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Rajshahi	Rajshahi	15,705	15,000	30,705	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4	12	8	4							
Darjiling	Darjiling	4,590	3,865	8,455	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1							
Dacca	Dacca	10,906	9,070	19,976	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0							
Chittagong	Chittagong	50,000	30,000	80,000	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Tripura	Tripura	7,000	4,000	11,000	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3							
Patna	Patna	13,000	8,000	21,000	3	2	5	3	2	5	3	2	5	3	2	5	3	2	5	3	2	5	3	2	5	3	2	5	3	2							
Gya	Gya	8,000	5,000	13,000	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3	7	4	3							
Shahabad	Shahabad	10,000	6,000	16,000	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Monufere	Monufere	3,000	2,000	5,000	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Durbhanga	Durbhanga	4,000	3,000	7,000	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1							
Saran	Saran	11,000	7,000	18,000	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Bhagalpore	Bhagalpore	2,000	1,000	3,000	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Monghyr	Monghyr	1,000	500	1,500	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Purneah	Purneah	15,000	10,000	25,000	14	7	21	14	7	21	14	7	21	14	7	21	14	7	21	14	7	21	14	7	21	14	7	21	14	7							
Puri	Puri	702,59	619,11	1,321,70	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							
Total	Total	702,59	619,11	1,321,70	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1							

* A special census of the Europeans in the Darjiling Municipal Corporation was recently taken as the census of this section of the community, taken in February 1881, was not reliable owing to the Europeans being a minority in that month. The number of the natives remains as before, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans above alluded to, cannot be employed as a basis of calculation owing to the results of the census under this head not having been recorded under the authorities form of age-distribution.

13		14		15		16																									
MORTALITY ACCORDING TO—																															
Class.		DEATHS AMONG—		RATIO PER 1,000 OF POPULA- TION PER ANNUM.		DEATHS.																									
NAMES OF MUNICI- PALITIES.		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up-ward.															
Bardwan	Bardwan	11	5	...	...	...	3	2	...	...	1	3	1	1	1	3	252.4	40.1	...	...	...	16.3	19.7	7.5	11.8	...	...	...	42.8	108.3	
Midnapore	Midnapore	8	6	...	...	...	3	2	...	...	1	3	2	2	...	...	210.0	44.2	13.9	...	...	16.5	21.2	19.8	...	...	...	...	...	58.8	
Hughli	Hughli and Chinsurah	16	3	...	...	...	3	1	...	...	...	1	2	3	2	6	165.4	19.5	14.9	...	...	6.7	14.8	30.2	31.8	...	...	...	...	124.6	
Serampore	Serampore	29	6	...	...	...	9	4	...	...	...	4	4	2	1	4	639.2	115.2	41.4	...	...	47.6	38.6	41.8	30.8	...	...	...	...	149.5	
Howrah	Howrah	31	16	...	...	...	7	4	...	...	...	7	4	1	2	8	325.0	37.5	24.8	...	...	...	...	...	...	...	...	...	...	...	110.9
24 Pargunnahs	Suburbs of Calcutta	6	191	113	...	...	55	38	13	11	14	47	47	25	24	35	695.2	122.3	34.2	...	...	...	...	...	...	...	...	...	...	...	...
Medinipur	Kishnagar	1	14	7	...	...	2	4	2	...	...	...	5	3	2	5	219.7	84.4	30.3	...	...	...	...	...	...	...	...	...	...	...	150.6
Jessore	Ranaghat	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91.4
Rajahmundry	Santipore	15	1	...	...	...	3	...	1	1	2	1	1	1	4	3	125.1	...	13.5	...	...	...	10.6	13.0	14.8	...	...	...	...	...	79.4
Darjiling	Jessore	...	5	...	...	...	1	1	...	...	...	...	1	...	1	1	268.1	105.3	...	...	...	...	...	...	...	...	...	...	...	...	113.5
Dacca	Rampore Beantash	9	12	...	...	...	1	4	...	...	...	...	5	3	1	2	128.1	149.6	...	...	...	...	...	...	...	...	...	...	...	...	108.0
Chittagong	Darjiling	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tripurah	Dacca	...	8	11	...	...	3	1	...	...	...	...	4	4	3	1	82.2	7.1	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	Narainpore	4	13	...	...	...	4	...	2	1	1	4	2	1	2	...	745.5	...	78.7	...	...	...	...	...	...	...	...	...	...	...	...
Gya	Chittagong	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	184.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Comillah	...	4	4	...	...	2	...	...	...	...	...	...	...	...	...	350.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Moulvibazar	Patna City	50	14	...	...	...	11	5	4	2	3	8	6	5	7	13	132.7	17.8	12.4	...	...	...	...	...	...	...	...	...	...	...	...
Arrah	Gya	41	19	...	...	...	19	8	4	2	2	3	4	7	3	8	532.0	63.5	29.7	...	...	...	...	...	...	...	...	...	...	...	...
Moulvibazar	Arrah	6	3	...	...	...	3	1	...	...	...	...	...	...	...	2	121.1	11.7	...	...	...	...	...	...	...	...	...	...	...	...	...
Darbhanga	Moulvibazar	4	3	...	...	...	1	1	...	...	...	...	...	...	...	1	54.4	12.9	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Darbhanga	63	12	...	...	...	18	13	7	2	4	3	7	3	2	6	601.2	89.8	46.5	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Chupra	8	3	...	...	...	1	1	...	...	...	...	...	...	...	...	56.0	9.8	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Bhagalpore	21	7	...	...	...	9	8	1	1	1	1	1	1	...	5	392.0	76.8	8.9	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Monghyr	27	4	...	...	...	6	3	2	1	3	2	2	2	1	9	210.2	25.1	14.7	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Purneah	3	3	...	...	...	2	...	...	...	...	...	...	...	...	...	367.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Puri	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	115.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	TOTAL	7	576	275	1	...	168	105	44	32	46	87	107	70	63	118	2381	49.6	17.6	14.5	...	...	...	...	...	...	...	...	...	...	...
Shahabad																															763

R. LIDDERDALE, M.D., Deputy Surgeon-General

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 31st December 1887, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 31ST DECEMBER 1887.			WEEK ENDING SATURDAY, THE 1ST JANUARY 1887.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	1,953	2,47,800	4,095	1,717	1,85,335	3,043
Jute ...	238	1,53,875	2,608	191	1,23,200	2,164
Firewood ...	113	60,745	813	98	42,875	721
Other articles ...	1,114	2,63,745	3,729	1,285	2,83,035	4,651
Total: ..	3,418	7,26,165	11,245	3,291	6,34,445	10,58

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY

Approximate Return of Traffic for week ended 24th December 1887, on 1,513½ miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs A P	Mds	Rs A P	Rs A P	Rs A P			
Total traffic for the week	214,712	2,78,17 12 0*	30,03,906 10	7,14,28 1 0	20,244 7 0	10,11,189 4 0	63,681½	102,652½	166,244
Or per mile of railway		183 12 0		471 3 1	13 6 0	668 5 1			
For previous 24 weeks of half-year	5,770,395	(1,82,732 5 0)	5,54,11,025 0	(2,14,08,674 7 1)	1,25,208 14 4	1,90,16,113 10 5	1,500,541½	2,093,985	3,596,626½
Total for 25 weeks	6,085,107	(1,85,013 5 0)	5,84,16,931 10	(2,14,21,961 8 1)	1,45,457 5 4	2,00,28,102 14 5	1,631,203½	2,196,637½	3,827,841
COMPARISON.									
Total for corresponding week of previous year	1,80,700½	2,47,657 10 3	27,21,15 1	6,10,783 9 4	-18,963 4 2	8,81,507 15 5	63,981	105,074	169,055
Per mile of railway corresponding week of previous year		163 7 10		436 2 7	-12 8 3	587 2 2			
Total to corresponding date of previous year	5,658,234½	(1,85,013 5 0)	5,54,11,025 0	(2,14,08,674 7 1)	1,25,208 14 4	1,90,16,113 10 5	1,500,541½	2,093,985	3,596,626½

* The increase in coaching traffic is principally due to the running of troop extra trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. 111, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 20TH DECEMBER 1886		RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887		TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886		TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887		Total increase in 1887	Total decrease in 1887
Mean mileage worked	Receipts	Mean mileage worked	Receipts	Mean mileage worked	Total receipts	Mean mileage worked	Total receipts		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
1,513	889,705	1,513½	10,11,189	1,513	33,16,485	1,517½	32,45,148	643	10,81,573

PATNA-GYA STATE RAILWAY

Approximate Return of Traffic for week ended 24th December 1887, on 57½ miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs A P	Mds	Rs A P	Rs A P	Rs A P			
Total traffic for the week	10,786	6,47 13 0	4,141 9	2,374 1 0	28 8 0	8,055 10 0	173	661	2,314
Or per mile of railway		99 2 10	712	41 2 0	0 8 0	140 13 4			
For previous 24 weeks of half-year	338,771	1,82,633 11 1	9,07,417 30	59,751 0 0	767 13 0	2,41,116 10 0	1,553½	16,062½	59,918
Total for 25 weeks	349,557	1,88,756 10 0	9,48,822	(60,093 3 0)	790 7 0	2,51,122 4 0	1,628½	16,724½	62,312
COMPARISON.									
Total for corresponding week of previous year	11,184	6,256 14 10	48,131 0	-909 9 0	303 0 7	5,650 6 5	1,678	716	2,394
Per mile of railway corresponding week of previous year		109 6 2	820	-15 14 5	5 4 0	98 12 0			
Total to corresponding date of previous year	3,114	1,96,750 4 0	10,11,189	72,696 13 0	1,662 14 7	2,71,068 15 7	45,115	18,840	63,955

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. 111, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 20TH DECEMBER 1886		RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887		TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886		TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887		Total increase in 1887	Total decrease in 1887
Mean mileage worked	Receipts	Mean mileage worked	Receipts	Mean mileage worked	Total receipts	Mean mileage worked	Total receipts		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
57½	560	57½	8,056	57½	3,97,756	57½	3,70,481	170	27,335

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 24th December 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,537	439 0 0	25,421 30	483 5 0	6 0 3	1,021 5 0	337½	156	494
Or per mile of railway ...	...	35 13 4	...	48 12 5	0 8 0	85 1 3	...	...	...
For previous 24 weeks of half-year ...	66,581	11,029 1 0	3,96,440 30	8,571 15 0	165 13 6	19,839 13 6	9,332	2,653	11,985
Total for 25 weeks ...	69,118	11,529 1 0	3,61,862 20	9,169 4 9	171 15 6	20,861 2 6	9,669½	2,809	12,478½
COMPARISON.									
Total for corresponding week of previous year ...	2,275	415 11 8	17,523 10	550 9 10	10 4 4	756 9 10	330	144½	500½
Per mile of railway corresponding week of previous year ...	...	34 10 4	...	27 8 10	0 13 8	63 0 10	...	...	...
Total to corresponding date of previous year ...	64,129½	10,335 10 3	2,73,343 29	6,657 14 10	227 12 4	17,219 5 5	9,840	2,966½	12,836½

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
13	757	63	12	1,021	85	12	24,491	76	12	35,461	78	979	...

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 24th December 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,341	3,670 8 0	86,603 10	4,795 5 0	81 5 0	8,547 2 0	646	1,569½	2,215½
Or per mile of railway ...	...	49 1 1	...	64 1 9	1 1 5	114 4 3	...	...	...
For previous 24 weeks of half-year ...	124,765	93,753 3 9	24,11,710 20	1,05,865 1 0	2,369 15 0	2,01,988 3 9	16,597	38,871	55,468½
Total for 25 weeks ...	130,106	97,423 11 9	24,98,313 36	1,10,660 6 0	2,451 4 0	2,10,535 5 9	17,243	40,457	57,700
COMPARISON.									
Total for corresponding week of previous year ...	5,192	3,291 0 1	88,190 20	4,274 6 0	261 15 3	8,827 5 4	808½	992½	1,791½
Per mile of railway corresponding week of previous year ...	...	57 5 10	...	57 2 4	3 8 0	118 0 2	...	...	...
Total to corresponding date of previous year ...	124,823½	90,733 14 2	22,81,271 20	89,967 1 9	3,152 9 9	1,80,853 9 8	18,624½	28,488½	47,112½

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
74½	8,527	118	74½	8,547	114	74½	2,77,328	98	74½	3,24,537	114	47,309	...

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 24th December 1887, on 2½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	15,282	3,234 15 0	5,089 30	184 0 9	3 0 0	4,112 5 0	904	61	965
Or per mile of railway	...	176 6 5	...	8 4 7	0 2 2	184 13 2	...	...	...
For previous 24 weeks of half-year	413,898	1,02,450 10 0	1,10,670 30	4,205 2 0	124 10 0	1,06,780 6 0	22,447½	1,240½	23,688
Total for 25 weeks	429,180	1,06,375 9 0	1,15,760 20	4,389 8 0	127 10 0	1,10,892 11 0	23,351½	1,310½	24,662
COMPARISON.									
Total for corresponding week of previous year	13,332½	3,121 4 2	4,781 0	179 13 9	5 11 11	3,297 13 10	932	28	960
Per mile of railway corresponding week of previous year	...	140 4 6	...	7 10 10	0 4 2	148 3 6	...	...	...
Total to corresponding date of previous year	391,386	97,701 11 2	87,051 0	3,286 4 9	152 14 5	1,01,110 11 4	24,109	593	24,698

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Rs.	...
22½	Rs. 3,238	Rs. 148	22½	Rs. 4,112	Rs. 185	22½	Rs. 1,73,875	Rs. 217	22½	Rs. 1,87,965	Rs. 222	Rs. 11,090	...

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 24th December 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,182	1,126 15 0	27,050 30	2,071 6 0	24 0 0	3,222 5 0	215	373	588
Or per mile of railway	...	26 13 4	...	49 5 1	0 9 2	76 11 7	...	...	...
For previous 24 weeks of half-year	51,818	23,804 9 6	6,01,157 10	43,326 11 0	500 7 3	67,631 11 9	7,595	8,911	16,506
Total for 25 weeks	54,000	24,931 8 6	6,28,208 0	45,398 1 0	524 7 3	70,854 0 9	7,810	9,284	17,094
COMPARISON.									
Total for corresponding week of previous year	2,095	1,304 11 6	47,078 30	2,664 6 0	37 2 1	3,706 3 7	182	677	859
Per mile of railway corresponding week of previous year	...	31 14 9	...	63 7 0	0 14 2	88 3 11	...	...	...
Total to corresponding date of previous year	61,183½	26,749 9 11	4,51,720 0	35,561 12 0	733 8 10	63,947 14 9	6,884	9,179	16,063

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Rs.	...
42	Rs. 3,706	Rs. 88	42	Rs. 3,222	Rs. 77	42	Rs. 80,150	Rs. 56	42	Rs. 1,18,646	Rs. 74	Rs. 29,487	...

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B. Dacca, K. and D., and ASSAM BHAR SECTIONS).

Approximate Return of Traffic for week ended 17th December 1887, on 645 miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated) in India Steam boat	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
Total traffic for the week	117,516	Rs 401 0 0	1,184 0	Rs 111 0 0	Rs 1 0 0	Rs 413 0 0	13,341	2,416	48,657
Or per mile of railway	182	94 0 0	10 3 0	24 0 0	5 0 0	104 0 0			
For previous 23 weeks of half-year	2,791,074	13,91,477 0 0	1,44,078 0*	31,131 0 0	3,411 0 0	18,174 0 0*	481 0	5,570	1,051,080*
Total for 24 weeks	2,908,590	14,11,878 0 0	1,45,262 0	31,242 0 0	3,808 0 0	18,430 0 0	494 0	6,086	1,102,753
COMPARISON									
Total for corresponding week of previous year	152,480†	Rs 58 105 0 0	4,111 0	Rs 128 0 0	Rs 1 0 0	Rs 59 106 0 0	13,137	2,518	39,853
Per mile of railway corresponding period of previous year	238	96 0 0	16 0	147 0 0		243 0 0			
Total to corresponding date of previous year	2,887,510	14,70,18 0 0	1,47,30,914 0	25,44 0 0	1,001 0 0	14,17 107 0 0	441 08	5,491	906,067

* Audited up to week ending 17th November 1887.

† Rs 11,000 added in calculation.

‡ 51,645 monthly tickets.

FINANCIAL YEAR

Approximate Statement of gross receipts of the Eastern Bengal State Railway

RECEIPTS FOR WEEK ENDING 18TH DECEMBER 1886			RECEIPTS FOR WEEK ENDING 17TH DECEMBER 1887			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 18TH DECEMBER 1886			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 17TH DECEMBER 1887			Total increase in 1887	Total decrease in 1886
Mean mileage worked.	Receipts	Per mile worked.	Receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.	Mean mileage worked.		
Rs	Rs		Rs	Rs		Rs	Rs		Rs	Rs		Rs	Rs
606	1,59,767	264	645	9,284	0	606	1,98,808	266	615	68,895*	111	8,834†	

* Audited up to week ending 5th November 1887.

BENGAL CENTRAL RAILWAY

Approximate Return of Traffic for week ended 17th December 1887 on 125 miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs A P	MDS S	Rs A P	Rs A P	Rs A P			
Total traffic for the week	22,571	8,072 0 0	47,430 0	4,000 0 0	0 0	12,014 1 0	3 01	1 71	8,210
Or per mile of railway	181	65 0 0	347 0	32 0 0		17 0			
For previous 23 weeks of half-year	575,042	1,17,100 0 0	10,19,380 0	85,540 0 0	18 0 0	1,81,910 0 0	8 32	4 08	1,24,520
Total for 24 weeks	597,613	1,19,811 0 0	10,12,819 0	86,578 0 0	2 0 0	1,12,086 0 0	8 35	4 11	1,24,713
COMPARISON									
Total for corresponding week of previous year	20,109	7,876 0 0	19,853 0	1,169 0 0	1,376 0 0	10,411 0 0	4 04	1 196	5,210
Per mile of railway corresponding period of previous year	209	63 0 0	159 0	9 0 0		7 0 0			
Total to corresponding date of previous year ...	565,350	1,08,818 0	4,81,843 0	36,970 0 0	2,102 0 0	2,20,224 0 0	37 76	31 767	127,943

* Audited up to week ending 5th November 1887.

† Includes monthly tickets (6,490).

FINANCIAL YEAR

Approximate Statement of gross receipts of the Bengal Central Railway

RECEIPTS FOR WEEK ENDING 18TH DECEMBER 1886			RECEIPTS FOR WEEK ENDING 17TH DECEMBER 1887			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 18TH DECEMBER 1886			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 17TH DECEMBER 1887			Total increase in 1887	Total decrease in 1886
Mean mileage worked.	Receipts	Per mile worked.	Receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.	Mean mileage worked.		
Rs	Rs		Rs	Rs		Rs	Rs		Rs	Rs		Rs	Rs
125	10,481	83	125	12,094	97	125	4,04,815	88	125	4,67,121*	101	62,16	

* Audited up to week ending 5th November 1887.

DACCRA STATE RAILWAY

Approximate Return of Traffic for week ended 10th December 1887, on 86 miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Totalearnings	TRAFFIC TRAIN-MILES RUN		
	Number of passengers	Coaching receipts	Wagon receipts	Receipts			Coaching	Merchandise	Total.
		Rs & P	Mds &	Rs & P	Rs & P	Rs & P			
Total traffic for the week	11883	481 3 4	28 14 0	148 0 0	11 0 0	8 0 0 0	041	963	3,004
Or per mile of railway	137	0 0	3 3 0	10 0 0		95 0 0			"
For previous 23 weeks of half year	5118*	191 0 0	188 17 0	193 0 0	1 0 0 0	141 573 0 0	47 116	25380	71,396
Total for 24 weeks	6301	242 0 0	274 11 0	287 0 0	2 0 0 0	149 586 0 0	51 7	26344	74,300
COMPARISON									
Total for corresponding week of previous year	100	11 0 0	18 255 0	1114 0 0	110 0 0	728 0 0	28	658	2940
Per mile of railway corresponding period of previous year	140	4 0 0	21 6	17 0 0		10 0 0			
Total for corresponding date of previous year	2115	80 0 0	261 870 0	2388 0 0	700 0 0	3115 0 0	415	17348	60915

* Audited up to week ending 11th November 1887

FINANCIAL YEAR

Approximate Statement of gross receipts of the Dacca State Railway

Mean mile / worked	RECEIPTS FOR WEEK ENDING 10th DECEMBER 1887		RECEIPTS FOR WEEK ENDING 11th DECEMBER 1887		TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 10th DECEMBER 1887		TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 11th DECEMBER 1887		Total increase in 1887	Total decrease in 1887
	Receipts	Per mile worked	Receipts	Per mile worked	Total receipts	Per mile worked	Total receipts	Per mile worked		
86	Rs 5 8*	Rs 61	Rs 8 09	Rs 96	Rs 18 7	Rs 77	Rs 117 8*	Rs 17	100	

* Audited up to week ending 11th November 1887

ASSAM BEHAR STATE RAILWAY

(LUCKNOW SECTION)

Approximate Return of Traffic for week ended 17th December 1887 on 99 miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Wagon receipts	Receipts			Coaching	Merchandise	Total
Total traffic for the week	2411	Rs 80 0 0	Mds 1 14 0	Rs 17 0 0	Rs 1* 0 0	Rs 21 0 0	54	54	108
Or per mile of railway	24	2 0 0	1 1 0	10 0 0		2 0 0			
For previous 23 weeks of half year	6415*	Rs 242 0 0	Mds 18 87 0	Rs 15 13 0 0	Rs 85 0 0	Rs 43 84 0 0	19052	12532	25584
Total for 24 weeks	7026	Rs 242 0 0	Mds 20 0 0	Rs 17 28 0 0	Rs 80 0 0	Rs 43 1 0 0	1908	12078	26078
COMPARISON									
Total for corresponding week of previous year				Nil		Nil			
Per mile of railway corresponding period of previous year									
Total for corresponding date of previous year									

* Audited up to week ending 5th November 1887

FINANCIAL YEAR

Approximate Statement of gross receipts of the Assam Behar State Railway

Mean mile / worked	RECEIPTS FOR WEEK ENDING 17th DECEMBER 1887		RECEIPTS FOR WEEK ENDING 17th DECEMBER 1887		TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 17th DECEMBER 1887		TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 17th DECEMBER 1887		Total increase in 1887	Total decrease in 1887
	Receipts	Per mile worked	Receipts	Per mile worked	Total receipts	Per mile worked	Total receipts	Per mile worked		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	
	Nil	31	Rs 4 0	62	Nil	39	Rs 81 458*	58	89,458	

* Audited up to week ending 5th November 1887

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 24th December 1887, on 27½ miles open

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings.	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,687	980 5 0	13,985 10	627 11 0	13 0 0	1,621 0 0	700	254	764
Or per mile of railway	98	36 0 0	491 0	23 0 0	0 8 0	59 8 0			
For previous 24 weeks of half-year	73,385	28,057 11 0	2,22,165 70	19,185 5 0	431 0 0	90,474 0 0	1,148	7,290	10,638
Total for 25 weeks	76,072	29,038 0 0	2,35,571 0	19,813 0 0	444 0 0	91,185 0 0	1,204	7,544	10,451
COMPARISON.									
Total for corresponding week of previous year	2,306	859 11 0	16,856 0	777 0 0	14 0 0	1,650 11 0*	511	308	819
Per mile of railway corresponding week of previous year	87	31 9 0	619 0	28 8 0	0 8 0	60 1 0			
Total to corresponding date of previous year	61,484	23,474 3 0	1,76,517 0	12,717 8 0	424 9 6	96,164 4 1	1,145	4,771	19,697

* Average receipts for 7 days have been shown here out of 13 days of the corresponding period of the previous year

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887			Total receipts in 1887	Total decrease in 1887
Mean mileage worked	Receipts.	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,651	61	2½	1,621	59	2½	60,952	59	2½	60,084	1	1,651	

TIRHOOT STATE RAILWAY

Approximate Return of Traffic for the week ending 24th December 1887 on 25½ miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 25½ miles open	31,104	11,891 5 5	1,56,817 80	18,544 5 6	3,907 10	34,806 2 9	7,939	1,110	11,149
Or per mile of railway	120	46 15 0	605 0	71 10 0	2 14 0	1,077 0*			
For previous 24 weeks of half-year	985,024	3,58,007 10 7	30,79,158 10	2,98,763 10 6	70,919 8 2	7,36,810 13 3	17,104	1,709	27,185
Total for 25 weeks	1,016,128	3,69,898 0 0	32,45,970 0	3,17,908 0 0	81,900 0 0	7,71,198 0 0	16,084	1,235	26,175
COMPARISON.									
Total for corresponding week of previous year on 24½ miles open	31,136	11,880 5 0	1,50,514 0	18,277 15 0	3,13 12 0	30,284 0 0†	5,089	1,068	10,167
Per mile of railway corresponding week of previous year	127	48 5 0	612 0	62 2 0	1 0 0	1,110 7 0*			
Total to corresponding date of previous year	844,047	2,98,807 4 2	30,11,731 20	3,07,067 3 0	81,559 3 1	6,87,523 10 0	14,234	1,093	24,154

* Steam-boat earnings excluded in calculating Total earnings per mile of R.R. line

† Average receipts for 7 days have been shown here out of 13 days of the corresponding period of the previous year

FINANCIAL YEAR

Approximate Statement of Gross Receipts of the Tirhoot State Railway

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 25TH DECEMBER 1886			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 24TH DECEMBER 1887			Total receipts in 1887	Total decrease in 1887
Mean mileage worked	Receipts.	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
25½	30,284	123	24½	34,968	133	24½	11,35,651	121	250 23	12,65,230	1.3	1,29,879	



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 11, 1888.

OFFICIAL PAPERS.

Non Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Abstract of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled for the purpose of making Laws and Regulations under the provisions of the Act of Parliament 24 and 25 Vic, Cap. 67.

The Council met at the Council Chamber on Saturday, the 7th January, 1888.

Present:

The HON. SIR STEUART COLVIN BAYLEY, K.C.S.I., C.I.E., Lieutenant-Governor of Bengal, *presiding*.
 The HON. G. C. PAUL, C.I.E., Advocate-General of Bengal.
 The HON. H. J. KLYNOLDS, C.S.I.
 The HON. C. P. L. MACAULAY, C.I.E.
 The HON. T. T. ALLEN.
 The HON. SIR HENRY HARRISON, KT.
 The HON. SIR ALFRED CROFT, K.C.I.E.
 The HON. MOULVIE ABDUL JUBBAR.
 The HON. G. IRVING.
 The HON. BABU KALI NATH MITTER.
 The HON. DR. MOHENDRALAL SIRCAR, C.I.E.
 The HON. C. H. MOORF.
 The HON. DR. GOOROO DAS BANERJEE.

NEW MEMBERS.

The HON. MR. C. H. MOORE and the HON. DR. GOOROO DAS BANERJEE took their seats in Council.

CALCUTTA AND SUBURBAN MUNICIPALITIES AMALGAMATION BILL.

THE HON. SIR HENRY HARRISON presented the preliminary report of the Select Committee on the Bill to consolidate and amend the law relating to the municipal affairs of the town and suburbs of Calcutta, and moved that it be published. He explained that the Select Committee, knowing that this part of the Bill would probably attract a special share of public attention, had thought it desirable, as soon as they had finished that portion of the Act which embodied the proposed constitution of the new Corporation, to lay these sections, with a preliminary report, before the Council, and to suggest for His Honor's consideration, as the President, whether it would not be advisable to publish this report and this portion of the Bill separately, in order that the public might thus know the precise proposals which were coming before the Council. It also further appeared to the Committee—and he begged to suggest this for His Honor's consideration—that there might be no grave objection, after the new sections had been published for a reasonable period, to commence the consideration of them in Council without waiting for the final report of the Committee. It was probable that this part of the Bill would involve much discussion in Council, and obviously it would save time if they were able to commence the discussion of it without waiting for the procedure portion of the Bill which would follow.

Turning now to the new sections, it would be seen that the earlier sections referring to the number of members, the proportion of nominated and elected Commissioners, and the number of wards, had not undergone any change at the hands of the Committee. This ought not to be taken as expressing the unanimous or even probably the general opinion of the Select Committee that this was the best possible constitution for Calcutta. It rather represented a compromise or mean between extreme views, the best system which they could put forward as involving the least radical changes. He himself had always maintained that larger wards would be more conducive to a good electoral system, but the Committee had not a *tabula rasa* to work upon. The town now consisted of eighteen wards, and there appeared to be a general sentiment in favour of keeping the present arrangement. On these grounds, therefore, the Committee had as it were gravitated to the conclusion that the best number of wards for the new constitution was 25, and thus no alteration had been made.

The only other point which required explanation was the action which the Committee had taken in regard to the system of voting. As the report explained, the plural vote was partially allowed in Calcutta by the present law, and it had partially grown up under the way in which that law had been construed. Now plural voting, as thus exercised, was in some respects open to grave objection. He himself remembered one case in which no less than twenty-nine persons claimed to vote as paying rates for a single property, and therefore last year the Committee had taken the first step in regulating this. But they had been forced to admit that these sections, though they might diminish, would not remove the anomaly, and therefore the Committee found themselves in the position of being called upon to decide whether they would abandon the plural vote altogether, or place it on a broad and equitable basis. It would be seen that the great majority of them were in favour of maintaining it, and, as he attached great importance to this principle, he hoped the Council would bear with him while he made an explanation of almost a personal character. He had naturally taken the greatest interest in the constitution of the Corporation of Calcutta. Twenty-six years ago the town was governed on what he might call an absolute or bureaucratic basis. Three officers appointed by the Government managed all its affairs. In 1863 the principle of associating a large number of the citizens in the administration of the town was introduced by vesting the control in the hands of the Justices. At the same time all the Justices were Government nominees, so that though practically this change did introduce a very considerable non-official and popular element, in theory it left the control as completely in the hands of the Government as before. In 1876 another step was taken, and the system of election was introduced. Now from the many discussions,

controversies, reports, and opinions which had clustered round this measure, it was evident to him that two rival conceptions were struggling for the mastery in the minds of the public. With many the elective system had been treated as identical with the admission of a principle which it was hardly an exaggeration to call the Divine right of majorities. It was regarded as equivalent to an admission that the majority of the people, whatever their fitness, whatever use they might make of their power, had a sort of inherent right to govern the town as they might please. It seemed to have been left out of sight altogether, he did not say by all persons, but by many, and he could cite several of the reports which had been addressed to this Council in illustration of this, that there was a middle course which widely differed in principle from this allegiance to majorities, viz., that it was advisable and expedient in the highest sense, in the cause of good government, that those classes and persons in the town who were most fitted to understand its interests and guide its administration wisely, should be associated together in that administration, and that, as these classes knew best who understood their views and their wants, they should not have representatives chosen for them by the Government, but should elect their own representatives as Commissioners. This principle held up fitness and not numbers as the final test, and nomination was expressly maintained side by side with election on purpose to secure a proper voice to the classes who possessed fitness without numbers. He himself had no doubt, and he thought that most of those he was addressing would agree, that this was the truer interpretation of the intention of the Legislature in introducing the elective system, and at any rate it was the only sound principle which could be applied to the government of a city like Calcutta. This was the view of the electoral system which he had consistently held from the time he had had any voice in the government of Calcutta, and he had observed that it led to continual misrepresentation of his views on one side or the other. If he said anything or wrote anything deprecating the Divine right of majorities, he was accused of backsliding and of advocating official absolutism. If he said anything in praise of the good work done by the elected representatives, it was at once assumed that he was desirous of seeing democratic institutions introduced into India, or at least into Calcutta. Now the question of the plural vote did seem to him to have some bearing on this very important principle. We naturally took the English electoral system as our model, and there we found two systems working in local bodies: the system of one-man-one-vote and the plural vote. If anything, the plural vote seemed the more favoured, but in boroughs the one-man-one-vote system was the law. This being so, and having reference to the fact that, in the previous ten years in Calcutta, an indirect plural vote had grown up, the Select Committee had felt themselves at liberty to recommend it as not inviting any radical change. He did submit that it was very desirable, having regard to the exaggerated views which were held regarding the bearing of an elective system, that that principle of voting should be adopted by the Council which most approximated to the true and correct theory.

Now, though it might be too much to say that the one-man-one vote rule necessarily involved the principle of the inherent right of majorities to do what they liked in Calcutta, it was not too much to say that it decidedly looked in that direction, and, if adopted, it would so far go to confirm a very erroneous views which were prevalent. It seemed to say that, though the Legislature was still bound not to give a voice in the election of a Commissioner to those who were totally disqualified, nevertheless, when it had once fixed the pecuniary limit which might be assumed to imply fitness, it was not justified in going any further, but must leave the numerical majority above this limit unchecked in their action, whether this led to the election of those who were most competent or least competent to govern the town. On the other hand, the adoption of the plural vote seemed to imply that the Legislature recognised degrees of fitness. It enshrined the principle that those who paid a larger share of taxation would, on the average, be fitter to govern, and while a minimum vote was to be given to a larger number paying the minimum in rates, nevertheless a more influential voice should be given to those who paid more, and who might be expected to exercise their right of voting more wisely. Even if the practical difference between the two systems, the plural and

the single vote, proved small, it seemed very important to adopt that method which indicated that the Legislature recognised degrees of fitness, and not mere numerical majorities. This he held to be the only sound basis on which those interested in the well-being of the town could be associated together to form its governing body. Those who contended that the introduction of the elective system was tantamount to blind submission to the majority, contended for a principle which must prove equally fatal to its expansion or its success. While those who contended that it meant the judicious conferring of power on those who were most fitted to exercise it, in proportion to their fitness, contended for a principle which he believed to be capable of extension with the happiest result. While, however, he mainly advocated this on the ground of principle, he did also think that it carried with it some practical advantages. They could not afford to allow the most intelligent citizens of the town to abstain altogether from the elections. He believed the system of polling would be productive of great good as regarded the poorer class of voters; but he did apprehend that there would be great difficulty in getting the more busy and wealthy voters to go to the poll. If only the one vote was given to them, that difficulty would be enhanced; but if they were given more votes in accordance with the amount of rates and taxes which they paid, they would be more important factors in the elections, and it would be less difficult to induce them to go to the poll. Suppose, for instance, a man of business in this part of the town was asked to give his one vote at the poll; if he knew that his vote would count as one, he would think twice before he would go out of his way to give his one vote. But if he had to give six votes, he would feel that his vote was so important that he would submit to the sacrifice. As regards this number six, Sir Henry Harrison would draw attention to the fact that the maximum proposed extent of the plural vote was not 12 times that of the single vote, as might at first sight be supposed, but only six times as much. Six was the English limit, and therefore there appeared to be a precedent for taking six as the limit here. A vote in Calcutta had always meant a vote for each vacancy, and to take that away, and say that it should only mean a vote for one candidate in future, might seem like disfranchisement. Consequently the Committee thought it would be desirable to maintain the practice, that when two Commissioners were to be elected, each elector had a vote for each candidate, or he might give both his votes to one candidate. Hitherto the usual practice had been to give all the votes to one man. Still every elector understood that he had the power of dividing his votes, and perhaps 10 to 15 per cent of the electors had actually done so. The Committee therefore thought it preferable to leave the existing practice as it was, and thus the plural vote meant so many additional votes rising in a scale not strictly proportional, but up to a maximum of six times the minimum when the property was valued at over Rs. 5,000 a year. There had just been a number of elections in Bengal, and he had noticed that the general complaint had been precisely the complaint that obtained in Calcutta, that the number of unintelligent voters was so large that the election went by all sorts of artifices, and that the intelligent voters abstained from going to the poll because they were swamped. This had been specially contended regarding the Burdwan elections by the *Sanyasi*, which in an article at the end of November argued strongly against the one-man-one-vote system as swamping the more intelligent voters, and allowing the illiterate, as being the larger number, to govern the election. For these reasons he hoped the principle of the plural vote would commend itself to the Council, even if they thought it advisable to modify the details. With these remarks he begged to move that the preliminary report of the Committee be published.

HIS HONOUR THE PRESIDENT said that the hon. member who had just spoken had really made two motions, one that the preliminary report of the Select Committee on the Bill should be published, which was one about which there could be no hesitation in the Council, and which His Honour believed was in the power of the President to sanction on his own motion; and the other, which was of a more novel character, was that, after giving due time for the consideration of the report before them, it should be taken into the consideration of the Council without reference to the fact that the final and complete report of the Select

Committee could not by that time be before them. This was a matter in which His Honour placed himself entirely in the hands of the Council. If there was any opposition to the proposal, His Honour would not think it right to force it. If, on the other hand, there was no such opposition, he conceived they should all agree in looking at it as advantageous to make a commencement of what was likely to be a long and troublesome debate, as early as could be consistent with giving the public full time to consider the report. If, therefore, there was no objection to the procedure on principle, His Honour proposed to give three weeks' time and take the report into consideration on the 28th instant. But, as he said, His Honour was entirely in the hands of the Council in the matter, and he should like to know whether any member had any objections to the proposal that the report be taken into consideration without reference to the fact that the report of the Committee on the other parts of the Bill could not by that time be complete. His Honour, not being on the Select Committee, could not speak with authority, but he had reason to believe that it would not be long after that time that the report would be complete.

The HON. BABU KALI NATH MITTER said he had one observation to make. He wished a full discussion to come on upon the Bill, and he thought it desirable that public opinion should be ascertained, in the first instance, before the discussion took place. The reason he rose to say a few words was this. He was one of those who had not signed the report, being entirely opposed to the principle adopted by the majority. The reasons which induced him to do so he craved leave to refer to on a future occasion when the matter would come up for full debate. He thought it advantageous to have this matter taken up before the other portions of the Bill were discussed, because these were important matters, and he doubted not they would take a long time to discuss fully. Therefore he would very much prefer the matter to be cleared up by discussion before the full report of the Select Committee came up before them.

The motion was put and agreed to.

The HON. SIR HENRY HARRISON also moved that the Hon. Mr. C. H. Moore and the Hon. Dr. Gooroo Das Banerjee be added to the Select Committee on the Bill to consolidate and amend the law relating to the Municipal affairs of the Town and Suburbs of Calcutta.

The motion was put and agreed to.

The Council was adjourned to Saturday, the 28th January, 1888.

GORDON LITH,

Offg. Assistant Secy. to the Govt. of Bengal,

Legislative Dept.

CALCUTTA;

The 10th January, 1888.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 7th January 1888.

No.	District and date of return	Rainfall at S. & L. Station in inches	Character of the weather and state and prospects of the crops
BENGAL			
<i>Western Districts</i>			
BIRMIHAN DIV.	1. Bardwan, Jan 7 '88	Nil	Several cloudy days, but weather not so cool as might be at this season of the year. Prospects of winter crops fair. In the Ch. wa. sub-div. in the rice harvest has been below the estimate.
	2. Bankoora, " 7, '88	Nil	Weather—seasonable. Harvesting of <i>aman</i> rice continues. Sugarcane is being cut. Mustard <i>soo-guay</i> , wheat, barley and pulse are coming on well. No change in the rice market.
	3. Becribhoom, " 7 '88	0.16	The first portion of the week was characterized by cloudy and depressing weather. It fell on the 5th and the 6th is now clear. The rain has been of service to the <i>amun</i> crops but more is wanted.
	4. Midnapur, " 7 '88	Nil	Weather—cloudy. Harvesting of crops nearly concluded. The rice harvest generally has been good.
	6. Hooghly, " 7, '88	Nil	Weather—cloudy. Winter rice harvest nearly over, estimated outturn about 5 annas on the average. Other crops doing well.
	Howrah, " 9 '88	Nil	Weather—clear and cold. Harvesting of <i>aman</i> and sugarcane continues.
<i>Central Districts</i>			
PRESIDENCY DIV.	6. 2. Parghs, Jan 10, '88	Nil	Weather—seasonable and cool. Prospects of winter crops satisfactory. Harvesting of <i>aman</i> paddy continues. Sugarcane is being cut.
	7. Nadia, " 7, '88	Nil	Weather—cloudy. Harvesting of rice nearly completed.
	8. Khulna, " 7, '88	Nil	Weather—seasonable. Harvesting of <i>aman</i> still continues. Winter crops doing well.
	9. Jessore, " 7, '88	Nil	Weather—cold and cloudy. Harvesting of <i>aman</i> crop still going on. Prospects good. Cold weather crops doing well.
	10. Moorshedabad, " 7, '88	0.05	Weather—seasonable and cloudy. Harvesting of <i>aman</i> still continues. Sugarcane, wheat and other winter crops promising well.
RAJSHAHY DIV.	11. Dinapore, Jan 7 '88	Nil	Weather—cold and cloudy. Winter rice is being reaped. Mustard and tobacco doing well.
	12. Rajshahi, " 7, '88	0.0	Weather—seasonable. Prospects good, except that a little rain is wanted for the <i>amun</i> crop. Harvesting of <i>aman</i> paddy continues.
	13. Rangpur, " 7, '88	0.08	Weather—cloudy with light rain. Harvesting of <i>aman</i> nearly finished, outturn above the average. Crushing of sugarcane continues. Cold-weather crops doing well. Prices falling.
	14. Pogra, " 7, '88	Nil	Weather—seasonable. State and prospects of crops continue favourable.
	15. Purnea, " 7, '88	Nil	Weather—cloudy and cold. Prospects of crops good.
	16. Dujouring, " 7, '88	0.11	Weather—fair. State and prospects of crops good, though more rain would be acceptable.
	17. Julpore, " 7, '88	Nil	Weather—cloudy at times. More than 12 annas of winter paddy have been harvested. <i>Kalari</i> is being gathered. <i>Rubbi</i> crops doing well, but a little rain would be beneficial. Prices stationary.
<i>Eastern Districts</i>			
DACA DIVISION	18. Dacca, Jan 7, '88	Nil	Weather—cold and cloudy at intervals. Harvesting of <i>aman</i> paddy nearly completed. <i>Rubbi</i> crops doing well. Fodder is plentiful.
	19. Faridpur, " 7, '88	Nil	Weather—seasonable, cloudy occasionally. Prospects and condition of crops satisfactory.
	20. Pabna, " 5, '88	Nil	Weather—seasonable. Prospects of crops very good.
	21. Mymensingh, " 6 '88	Nil	Weather—cloudy and cold. State and prospect of all crops satisfactory.
CHITTAGONG DIV.	22. Chittagong, Jan 10, '88	Nil	Weather—seasonable. Harvesting of <i>aman</i> nearly completed; outturn good. Winter crops promising. Prices stationary.
	23. Noakhally, " 6, '88	Nil	Weather—seasonable, cloudy at times. Reaping of <i>aman</i> continues. <i>Rubbi</i> crops doing well.
	24. Tipperah, " 5, '87	Nil	Weather—cold and seasonable. There is nothing to complain of in respect of the crops.
	25. Chittagong Hill Tracts, " 3, '83	Nil	Weather—very cold and heavy fogs up to 9 in the morning throughout the week. Harvesting of late plough paddy still continues. Mustard and other cold-weather crops doing well.
	Hill Tipperah, " 4, '87	Nil	Weather—occasionally cloudy. Reaping of <i>aman</i> paddy nearly over. Cotton and <i>til</i> still being gathered. Prospects of tobacco, chillies and mustard fair.

No	District and date of return.		Rainfall at Sudder Station in inches	Character of the weather and state and prospects of the crops.
BEHAR.				
PATNA DIVN.	26	Patna Jan. 7, '88	0.01	Weather—cold and cloudy Harvesting of paddy approaching completion, threshing in progress. Early poppy thin in Prospects of <i>rubbi</i> still fair, but rain wanted. In the Lakh sub-division its crops have somewhat affected <i>rubbi</i> . Prices of food grains, especially <i>am</i> wheat, and <i>khesari</i> , rising owing to export to foreign country.
	27	Gya „ 7, '88	0.02	Weather—cold Paddy is being reaped and threshed <i>Rubbi</i> is suffering in some places from insects. Poppy coming on well.
	28	Shahabad „ 7, '88	0.02	Weather—cloudy for the greater part of the week but dry and clear. Harvesting of rice completed. Prospects of <i>rubbi</i> and poppy continue hopeful, though it is feared that cloudy weather, with no rain, may do some injury to the crops. A little rain at present will be a little to the <i>rubbi</i> and poppy crops.
	29	Darbhanga „ 7, '88	Nil	Weather—occasionally cloudy, wet wind prevailing. Harvesting of rice nearly completed with excellent return. <i>Rubbi</i> coming on promising, but wants rain. Mustard and peas in flower. Poppy looking well. Tobacco has begun to be harvested. Price of common rice averages 19 seers per mpu.
	30	Muzafferpur „ 7, '88	Nil	Weather—cold and cloudy during first half of the week so far. Threshing of paddy nearly completed. Prospects of <i>rubbi</i> fair, but rain wanted. Weeding and watering of poppy progressing. Rice crop has suffered to some extent from drought and caterpillars in the unirrigated lands in the Sudder sub-division.
	31	Saran „ 7, '88	Nil	Weather—fair and so much. Mornings occasionally cloudy and foggy. Prospects of <i>rubbi</i> and poppy continue good. <i>Rubbi</i> excellent. A shower of rain will do much good.
BHAGALPORE DIVN.	32	Chumpran „ 7, '88	Nil	Weather—cold and fair. Threshing of paddy approaching completion. <i>Rubbi</i> and poppy doing well. A shower of rain is needed.
	33	Moongay Jan. 7, '88	0.01	Weather—cold and cloudy Harvesting of winter rice nearly finished and threshing in progress, cotton buds with average. Prospects of <i>rubbi</i> and poppy continue favourable but a shower of rain would do much good.
	34	Rasgahur „ 7, '88	Nil	Weather—cloudy and cold Harvesting of winter rice nearly over. <i>Kalau</i> , <i>Kutli</i> and <i>ton</i> being reaped. Other <i>rubbi</i> crops require a shower of rain. Early winter has not yet affected them to any appreciable extent.
	35	Purneah „ 7, '88	Nil	Weather—cold Late rice nearly harvested. Winter crops doing well.
	36	Maidan „ 7, '88	Nil	Weather—cloudy drizzling rain in the night of the 6th. Harvesting of winter rice still going on. <i>Kalau</i> and <i>ton</i> also continue to be gathered. Prospects of all cold weather crops favourable. Common rice selling at an average of 23 seers per mpu.
	37	Sonthal Pergah „ 7, '88	Nil	Weather—cloudy, but no rain has fallen. Paddy nearly harvested. Winter crops reported well, but a good and general shower is wanted.
ORISSA.				
ORISSA DIVN.	38	Cuttack Jan. 6, '88	Nil	Weather—cloudy at times. Reaping of <i>sarad</i> rice in progress and that of <i>rubbi</i> crops nearly completed. <i>Dalua</i> rice is being threshed. Price of common rice almost unchanged.
	39	Poorie „ 5, '88	Nil	Weather—seasonable. Some rice is still being harvested. <i>Dalua</i> rice is thriving well. Common rice 25 seers 7 mttuck per mpu in the Sudder sub-division and 26 seers 1 mttuck in the Khichul sub-division.
	40	Balasore „ 6, '88	Nil	Weather—cold and cloudy Harvesting of <i>warad</i> paddy is coming to an end. <i>Dalua</i> is growing. <i>Rubbi</i> is ripening. Sugarcane is being pressed. Prospects of all crops continue favourable.
CHOTA NAGPORE				
South-West Frontier Agency.				
CHOTA NAGPORE DIVN.	41	Hazaribagh Jan. 6, '88	0.26	Weather—cloudy, slight rain Harvesting of paddy completed. Outturn between 8 and 12 annas. Sugarcane is being cut and pressed, yield between 12 and 14 annas. <i>Rubbi</i> crops have suffered severely from want of rain. Poppy reported to be promising, but a little more rain would improve prospects. Stocks generally sufficient. Cattle disease reported in some villages.
	42	Leonardpura „ 7, '88	0.59	Weather—cloudy. Rain during the week has much benefited the standing <i>rubbi</i> crops. No change in prices.
	43	Singbhoom „ 6, '88	0.06	Weather—cloudy. Slight rain all over the district during the week. Cold weather crops doing well.
	44	Manbhoom „ 7, '88	0.13	Weather—cold and clear. The rain has cleared away the clouds and will do good. Prospects of sugarcane and <i>warad</i> cotton are favourable. Expected to yield 16 to 18 annas. Rice sells at from 20 to 22 seers per mpu. Cattle disease at Gohela.

Published for general information

CALCUTTA, REVENUE DEPT.;
The 10th January 1888.P. NOLAN.
Secy to the Govt. of Bengal.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 11, 1888.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of September 1887.

IMPORTS INTO CALCUTTA.

once imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Lanseed.	Mustard-seed.				Un-drained.	Bis-path.	Other kinds.	
	Rice.	Paddy.	Total (in rice).															
BENGAL.																		
Banar ...	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Banar ...	1,23,027	10,716	1,29,724	1,150	1,550	5	1,32,438	.....	8,715	4,654	.....	427	.....	63	.....	.....	.....	1
Banar ...	1,16,651	326	1,16,999	.....	27	.....	1,16,926	.....	6,570	.....	230	.....	2	139	.....	.....	.....	.....
Banar ...	1,22,637	18,748	1,34,254	.....	545	20	1,34,819	.....	350	1,617	.....	.....	.....	632	.....	724	.....	.....
Banar ...	55,058	8,444	58,080	20,747	7,319	804	87,099	42,005	368,438	37,445	7,329	.....	331	546	18,275	.....	.....	.....
Banar ...	1,32,512	18,041	1,44,163	252	1,223	.....	1,45,639	58,644	300,300	134	.....	2,361	6,513	9,881	.....	.....	.....	.....
Banar ...	9,727	1,681	10,788	8,306	42,743	1,136	62,303	1,11,494	2,365	8,304	622	.....	96	364	860	.....	.....	.....
Banar ...	20,743	9,800	26,808	.....	507	.....	27,435	80,135	2,375	2,569	.....	.....	.....	750	6,150	.....	.....	.....
Banar ...	47,253	20,176	60,802	.....	6,055	.....	65,917	32,963	7,700	225	41	.....	73	1,683	10,171	.....	.....	.....
Banar ...	8,768	.....	3,768	7,328	10,397	2,312	20,805	698	15,385	8,831	1,078	.....	.....	335	.....	.....	.....	.....
Banar ...	1,78,648	.....	1,78,648	.....	1,052	.....	1,79,700	9,756	77,300	.....	.....	.....	.....	70	.....	.....	.....	.....
Banar ...	8,458	.....	8,458	2,035	10,818	92	21,405	69,236	1,232	3,044	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	1,601	.....	1,601	61	.....	52	1,704	82,363	73,385	.....	134	.....	.....	.....	.....	.....	.....	.....
Banar ...	14,135	.....	14,135	320	.....	.....	14,455	1,87,074	510,920	3,107	6,980	.....	.....	.....	.....	.....	.....	.....
Banar ...	1,341	.....	1,341	257	9,628	.....	11,126	2,40,664	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	.....	.....	.....	.....	14,184	249,375	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	1,304	.....	1,304	.....	3,414	.....	4,718	3,02,067	.....	84	560	.....	1,630	.....	.....	.....	.....	.....
Banar ...	22,865	800	23,305	38	9,550	.....	32,953	7,80,585	215	922	821	20	3	281	.....	.....	.....	.....
Banar ...	2,12,523	1,350	2,13,367	.....	625	.....	2,13,892	6,067	.....	688	.....	.....	.....	.....	200	.....	.....	.....
Banar ...	7	.....	7	.....	.....	.....	7	23,883	.....	.....	541	.....	.....	3	.....	.....	.....	.....
Banar ...	6,006	.....	6,006	.....	300	.....	6,306	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	1,400	.....	1,400	.....	.....	.....	1,400	.....	.....	.....	1,412	350	.....	.....	.....	.....	.....	.....
Banar ...	40,186	.....	40,186	.....	100	.....	40,286	650	.....	.....	.....	170	.....	.....	.....	.....	.....	.....
Total of Bengal ...	11,18,740	87,151	11,73,210	40,485	1,11,822	4,531	13,30,048	20,50,867	1,025,365	67,886	18,028	27,770	4,915	2,007	9,906	44,831	6,787	43,043
BEHAR.																		
Banar ...	.....	.....	.....	35,429	59,040	12,180	1,07,553	.....	1,120	3,26,258	13,782	.....	7	3	1,987	710	.....	.....
Banar ...	.....	.....	.....	4,912	3,735	.....	8,647	.....	803	6,843	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	6,912	11,130	2,871	20,910	.....	1,260	6,807	612	.....	.....	.....	.....	1,782	.....	.....
Banar ...	.....	.....	.....	5,172	1,854	205	7,231	.....	175	12,483	7,493	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	23,409	2,209	483	26,191	.....	943	30,551	15,740	.....	3	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	6,732	5,529	9,090	20,951	.....	210	23,766	12,476	.....	.....	.....	.....	.....	.....	.....
Banar ...	3	.....	3	4,064	.....	.....	4,067	.....	105	18,051	1,741	.....	.....	2,025	.....	.....	.....	.....
Banar ...	1,180	.....	1,180	50,422	39,281	1,192	92,384	.....	1,155	39,038	14,001	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	52,851	7,474	13,052	73,377	.....	315	19,633	7,373	.....	.....	7	.....	.....	.....	.....
Banar ...	64	.....	64	5,012	4,063	430	9,569	144	119,503	3,236	6,917	.....	.....	.....	.....	.....	.....	.....
Banar ...	240	.....	240	12,530	6,010	1,508	20,308	1,009	.....	6,638	1,747	.....	.....	.....	.....	.....	.....	.....
Banar ...	310	.....	316	16,177	5,434	984	22,911	.....	5,985	5,200	1,600	.....	10	.....	.....	.....	.....	.....
Total of Behar ...	2,125	.....	2,125	2,23,912	1,46,701	41,655	4,16,793	1,153	131,580	5,58,954	83,765	.....	29	0	3,964	2,550	.....	6,049
ORISSA.																		
Banar ...	19,003	1,223	20,507	.....	.....	.....	20,397	467	1,400	64	.....	.....	.....	.....	.....	.....	.....	.....
COTA NAGPORE.																		
Banar ...	.....	.....	.....	.....	.....	.....	.....	.....	980	.....	.....	688	.....	16	.....	.....	.....	.....
Banar ...	.....	.....	.....	.....	.....	.....	.....	.....	1,400	.....	.....	.....	1	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	.....	.....	.....	.....	.....	2,380	.....	.....	508	1	11	.....	.....	.....	.....
Total of Chota Nagpore ...	11,40,408	88,374	11,95,702	2,64,397	2,58,523	48,536	17,07,208	29,52,487	1,706,785	6,26,904	1,01,863	28,368	4,956	2,032	13,870	47,357	6,896	53,461
INDIAN PROVINCES.																		
Banar ...	.....	.....	.....	.....	750	.....	750	.....	.....	3,450	16,317	98,720	.....	2	.....	.....	.....	.....
Banar ...	.....	.....	.....	10,217	40,533	1,451	52,204	.....	1,100	73,888	16,817	274	17,004	4	781	88	.....	1
Banar ...	3	.....	3	.....	4,213	.....	4,216	.....	.....	.....	550	1,743	.....	6	.....	.....	.....	.....
Banar ...	.....	.....	.....	3,903	.....	.....	3,903	.....	650	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	3,012	1	.....	3,013	.....	.....	1,507	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	.....	.....	.....	.....	4,569	.....	4,569	.....	7,100	.....	.....	22	11,011	.....	5,069	.....	.....	.....
Banar ...	148	.....	148	.....	18	.....	166	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banar ...	2,600	.....	2,600	.....	5	.....	2,701	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
Total of Indian Provinces ...	31,43,315	96,374	11,98,549	2,78,607	3,11,630	50,041	18,38,827	20,32,487	1,784,405	7,05,743	1,35,024	1,27,396	55,385	2,045	21,665	67,344	6,988	54,353
Total of India ...	7,40,706	82,786	7,07,648	12,48,421	4,79,780	50,158	25,75,207	18,04,918	1,491,319	6,82,271	1,35,323	1,13,621	37,509	3,215	30,329	69,410	1,900	63,509

* One maund of paddy is equivalent to 25 seers of rice. † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of September 1887 was as follows:—

[illegible]

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of September 1887

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES	FOOD GRAINS					FIBROUS PRODUCTS		OIL SEEDS		Tea Indian	Cotton raw	Silk raw	SUGAR		Tobacco	
	Rice	Paddy	Wheat	Gram and pulses	Other food-grains	Jute raw	Gunny-bags	Linseed	Mustard seed				Drained	Un-drained	Ris-path	Other
	Mts	Mds	Mds	Mds	Mds	Mds	No	Mts	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds
By country boats	8,20,983	7,500	1,51,180	1,48,697	34,361	5,813	849,830	1,87,120	7,410		3,200	521	6,849	37,679	1,188	21,5
river steamers	1,065	1	18,314	1,836	57	1,836		14,27	2,11	8,027	605	148	256		788	
East Indian Railway	2,03,766	4,029	1,16,814	1,40,081	15,621		33,495	1,81,900	31,240	1,830	18,822	650	3,301	2,541		
Eastern Bengal State Railway	4,167		38	16,417		1,04,418	8,5120	2,137	1,000	8,024	1,050	824	1,111	5,077	4,014	248
road	46,017	4,621	253			52,01	22,700				279		3,074	2,915		81
sea	22,447	1,221		4,500		1,7	2,120			1,10	12,200		7,075	10,890		1
Grand total of Imports in September	11,43,916	88,374	2,78,607	3,11,630	50,011	1,02,147	1,784,105	7,05,749	1,35,027	1,27,06	35,85	2,045	21,688	67,344	6,888	541
1887	7,45,718	82,786	1,78,441	2,71,80	50,158	18,04,918	1,491,140	6,81,271	1,01,323	1,43,11	37,50	3,215	30,829	68,410	1,000	638

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of September 1887.

EXPORTS FROM CALCUTTA.

Whither exported?	Cotton piece goods		Cotton twist		Salt	Gunny-bags	Whither exported	Cotton piece goods		Cotton twist		Salt	Gunny-bags
	European	Indian	European	Indian				European	Indian	European	Indian		
	Rs	Rs	Mds	Mds	Mds	No		Rs	Rs	Mds	Mds	Mds	No
BENGAL.													
Bardwan	3,8,913		571	1,20	30,595	11,880	Hazratnagar	8,076	75	25	205	5,030	2,20
Berhampur	4,18,000	3,00	154	25	18,13	87,80	Munshiganj	1,100	212	1,100	8,742	1,100	1,100
Bidnapore	2,8,477	101	2,97	10	0,85	31,1	Total of Chittagong	2,010	57	1,101	13,781	1,101	1,101
Boghtly	1,1,009	4,181	657	161	1,137	70,80	and Total of supplies						
St. Pergunnahs	1,4,101	7,091	383	12	11,83	34,1	with the province and r	78,52,410	43,670	15,382	0,887	6,70,422	817,40
Nuddia	3,6,10	180	101	140	18,43	1,180	the Lieutenant Gover						
Kinla	1,40,570		191		8,70	4,1	nor of Bengal						
Jessore	1,1,384		227		5,41	4,60	OTHER PROVINCES						
Moorshedabad	2,3,122		68	11	5,41	4,60	North-Western Provin	87,885		38		31,002	
Chingapore	49,141		108		8,05	2,1	and Oudh	1,5,31	1,10	4,001	1,155	57,815	131
Kajahat	33,516		40		15,82	1,00	Punjab	1,1,1	1,400	1,210	12		2,3
Bungpore	1,08,324		227	68	10,33	1,1	Central Provinces	1,1	1,100	1,2			25
Born	79,340		105		1,53	1,1	Rajputana States	70,1	1,1	1,1			3
Patna	9,531		161	25	40	1,1	Bihar	0,1	11				1,915
Darjeeling	9,1043		101		1,180	1,40	Andhra	1,1,8	11	1,401		1	175
Jalpigore	1,20,814		54	3	7,14	740	Other places	1,1,8	11	1,401		1	175
Dacca	4,2,701		161	32	46,11	740							
Farredpore	5,1,14		1,11	302	1,1	4,1							
R. Kergungo	42,413		708		1,1	1,1							
Mymensingh	27,271		27		5,00	1,1							
Singur	50,015	125	144		8,1	1,1							
Chittagong	1,000		120		1,1	1,1							
Noakhali													
Total of Bengal	38,58,504	15,188	11,402	2,457	3,77,44	8,414	Grand Total of 1887	1,1,18,891	67,1	24,949	13,05	7,02,200	4,508
							Exports in						
							September 1887	1,1,18,891	67,1	24,949	13,05	7,02,200	4,508
							1888	1,1,18,891	67,1	24,949	13,05	7,02,200	4,508
BEHAR.													
Patna	4,15,741	9,570	320	531	87,875	181,10	IMPORTS INTO CALCUTTA						
Siya	2,1,15	55	8	1,10	1,17	1,1	From Foreign Ports	Rs	Rs	Mds	Mds	Mds	No
Shahabad	2,8,523	220	10	507	21,17	16,5	United Kingdom	88,17,043		11,577		84,800	1,10
Moradpur	87,065	221	13	8,43	8,43	5,10	Other foreign ports	9,10,000		621		8,58,883	1,10
Barh	3,4,07	40	10	1,309	30,17	7,5	Total of Foreign Trade	5,108,572		12,047		0,13,683	1,10
Barhanga	2,4,145	110	5	6	11,246	1,115	From Indian Ports—						
Baran	7,25,103	771	5	2,7	16,784	1,1	Bombay	21,754	5,16,00	10	8,231	92,418	7,1
Chunarpur	2,14,803		22	6,5	10,502	1,1	Madras	5,21	4,008		81		
Monthy	4,21,118	16,950	75	87	21,578	1,1	Other ports in Madras	1,01			4		
Bhawalpur	1,1,100		313	823	3,812	1,100	British Burmah	4,0	1,10		32		1,1
Banesh					4,26		Other Indian ports						
Sothai Pergunnahs	4,41,646	220	138	597	23,60	2,175	Total of Interport Trade	27,381	5,27,8	14	8,442	92,418	7,1
Total of Behar	36,71,57	27,40	913	6,207	2,6,126	41,100	Grand Total of Im- 87	89,31,055	5,22,704	12,061	8,349	10,06,101	2,1
							ports in September 1887	1,35,5,911	3,10,139	11,000	4,847	0,51,917	6,1
ORISSA.													
Cuttack	1,820												
Malabar	87,060		2,750	132	12,067	30,10							
Total of Orissa	64,880		2,750	132	12,067	30,10							

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of September 1887.

SPECIFICATION OF ROUTES.	COTTON PIECE GOODS		COTTON TWIST		Salt	Gunny-bags
	European	Indian	European	Indian		
	Rs	Rs	Mds	Mds	Mds	No
By country boats	2,05,044	3,215	8,895		3,08,216	1,101
river steamers	3,29,175		967	33	78,800	1,101
East Indian Railway	86,77,019	51,780	7,848	10,179	3,08,216	1,101
Eastern Bengal State Railway	21,27,344	180	5,475	630	84,729	1,101
road	1,54,174	8,810	1,530	181	8,795	1,101
sea	6,51,156	1,217	6,831	5,000	14,079	1,101
Grand Total of Exports in September	1,11,19,894	67,781	24,049	14,809	7,02,200	4,508
1887	1,47,08,213	1,14,490	26,090	19,088	8,01,763	5,175

**PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE
DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE
31ST DECEMBER 1887.**

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR OHOLUM (Sorghum Vulgare.)					
		Present return.	Next preceding return	Corresponding return of last year.	Present return	Next preceding return.	Corresponding return of last year	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.
BENGAL																			
Western Districts																			
		S. Ch	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
1	Burdwan	16 12	16 0	17 4	No sale	30 0				15 0	15 0	20 8	22 8	22 8	26 10				
2	Barkoora	16 4	15 0	18 0	20 0	13 0	24 0	18 12	17 8	22 8	19 13	19 8	30 0						
3	Beerbhoom	15 12	15 12	20 0				16 8	16 8	19 8	21 0	21 12	25 8						
4	Midnapore	15 0	15 0	17 0				18 0	18 0	17 0	22 0	22 0	25 0						
5	Hoozhly	14 0	14 0	16 0				10 0	10 0	10 0	17 0	16 8	17 0						
	Howrah	14 0	14 0	16 0				13 0	13 0	13 8	15 0	18 0	18 0						
Central Districts.																			
	Calcutta	14 0	14 0	14 10	20 0	20 0	21 3	8 10	8 14	9 6	16 4	16 8	16 12	15 10	19 12	13 6			
6	24-Pergunnahs	14 0	14 0	14 4	22 8	22 8	21 4	8 0	8 0	8 0	13 0	17 8	18 4						
7	Nuddes	17 4	17 4	16 0	36 0	36 0	32 0	14 8	14 8	16 0	19 4	19 6	20 0						
8	Khoolna							16 0	16 0	17 0	23 0	18 0	21 0						
9	Jessore	13 4	12 0	16 0				16 0	14 0	14 0	22 0	22 12	21 0						
10	Moorshedabad	17 0	17 0	17 0				18 0	14 0	13 0	23 0	23 0	25 8						
11	Dinagapore	16 0	16 8	11 0	22 8	22 8	20 0	20 0	16 2	21 8	21 0	24 0	27 8						
12	Rajshahye	19 8	18 12	20 0	45 0	45 0	43 0	16 2	16 2	18 0	19 2	22 8	22 8						
13	Rungpore	17 12	17 12	17 0				14 4	14 4	18 0	21 0	21 0	23 10						
14	Bogra	13 8	16 0	16 0				15 0	16 0	15 0	25 8	26 4	24 0						
15	Pubna	18 0	18 0	22 8				8 0	8 0	8 0	22 8	22 8	26 4						
16	Darjeeling	11 0	10 0	11 0	11 0	11 0	10 0	5 0	5 0	5 0	13 0	13 0	14 0						
17	Julpigoree	13 0	12 0	13 4	20 0	16 0	20 0	13 0	13 0	18 0	22 0	21 0	26 0						
Eastern Districts																			
18	Dacca	16 0	16 0	16 4	26 0	26 0	26 0	17 0	18 0	15 0	20 0	20 0	17 0						
19	Farroadpore	14 0	14 0	20 0	40 0	40 0	26 0	16 0	18 0	16 0	18 0	20 0	22 0						
20	Backergunge							16 0	16 0	16 0	22 18	18 12	17 4						
21	Mymensingh	13 0	11 8	13 0				13 0	12 8	12 4	19 0	18 0	18 0						

A In sub-divisions retail prices of salt per rupee were:—Culna 12 seers, and Cutwa and Ranigunge 13 seers.

B At Rampore Hat retail price of salt 13½ seers per rupee.

C In sub-divisions retail prices of salt per rupee were:—Ghatol 13½ seers, Tumlok 11 seers and Contai 12½ seers.

D In sub-divisions retail prices of salt per rupee were:—Serampore 12½ seers, and Jehanabad 13 seers.

D1 In sub-divisions retail prices of salt per rupee were:—Baraset and Dum-Dum 12 seers, Hussirhat 13 seers, Diamond Harbour (at Kulpibat) 11 seers and Barrackpore 12½ seers.

E In sub-divisions retail prices of salt per rupee were:—Koochta 13½ seers, Meharpoore 13 seers, and Choudanga and Sankha 12½ seers.

F In sub-divisions retail prices of salt per rupee were:—Sankha 11½ seers and Baraset 13 seers.

SIZES OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typho-</i> <i>ideum.</i>)			MARUA OR RAGI (<i>Eleusine Corocana.</i>)			KANGNI OR KAKUN. ITALIAN MILLET. (<i>Setaria italica.</i>)			GRAM, CHANA. CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arietinum.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
.	26 0	28 0	21 4
.	17 8	19 0	19 0
.	25 0	25 0	21 0
.	18 0	18 0	18 0
.	20 0	20 0	19 0
...	21 8	21 8	20 8

2 0	12 0	15 0	16 0	16 0	...	13 0	8 12	17 12	19 10	19 12	19 12
...	...	...	...	...	...	13 4	13 4	...	23 0	22 12	22 8
...	...	...	...	...	...	...	...	...	26 10	26 10	26 10
.	.	.	.	.	.	...	...	...	16 0	16 0	16 0
.	.	.	.	.	.	...	...	...	21 0	22 0	21 4
.	.	.	.	.	.	...	...	...	23 0	29 0	31 0
.	.	.	.	.	.	...	...	...	24 0	20 0	20 0
.	.	.	.	.	.	...	...	...	28 2	38 2	28 2
.	.	.	.	.	.	...	...	...	20 0	20 0	17 0
...	...	...	...	...	...	...	...	...	19 8	20 4	16 8
...	...	...	...	...	...	...	...	...	26 12	26 12	22 0
...	...	...	15 0	14 0	13 0	...	...	...	11 0	11 0	12 0
...	...	...	...	...	...	...	...	...	20 0	20 0	16 10

.	.	...	.	...	...	...	...	...	19 0	18 0	18 0
.	...	...	...	...	...	...	...	...	16 0	26 0	21 0
.	...	...	...	...	...	...	...	...	11 8	13 0	16 0
.	...	...	...	...	...	...	...	...	18 0	6 0	16 12

INDIAN-CORN OR MAIZE. (<i>Zea Mays</i> .)			ARHAR OR THUR CADJAN PNA (<i>Cajanus indicus</i>)			FIRWOOD		
Present return	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
No sale.			26 4	27 0	25 11	120 0	120 0	120 0
28 0	27 0	29 0	21 0	19 0	20 0	320 0	320 0	280 0
..	13 8	13 8	18 0	160 0	160 0	160 0
..	13 0	13 0	16 0	120 0	120 0	155 0
..	13 0	13 0	13 0	120 0	120 0	120 0
..	13 4	13 4	14 12	100 0	100 0	90 0

26 1	23 0	24 10	17 0	17 0	19 15	80 0	80 0	79 0
22 8	24 0	26 5	18 0	18 0	18 4	100 0	100 0	100 0
..	..	..	20 0	20 0	20 0	..	..	..
..	..	..	..	..	..	180 0	180 0	180 0
..	..	..	24 0	22 0	20 0	100 0	100 0	13 0
..	..	..	18 0	17 0	20 0	190 0	190 0	180 0
..	..	..	12 12	7 8	..	160 0	160 0	120 0
..	..	..	17 4	17 4	17 0	240 0	240 0	240 0
..	..	..	8 10	8 10	11 8	120 0	120 0	120 0
..	..	..	..	..	..	90 0	90 0	90 0
..	..	..	18 0	18 0	18 0	200 0	200 0	200 0
25 0	25 0	25 0	8 0	8 0	8 0	120 0	120 0	120 0
20 0	26 0	..	12 0	13 0	..	128 0	128 0	128 0

..	..	..	18 8	18 4	..	120 0	120 0	120 0
..	..	..	13 0	11 0	14 0	120 0	160 0	120 0
..	..	..	11 8	12 0	13 0	120 0	120 0	120 0
..	..	..	20 0	20 0	..	..	..	..

Head-quarter station Bazars of the Districts of Bengal on the 31st December 1887.

WHOLESALE PRICES PER MAUND OF 40 SEERS										AVERAGE WAGES PER MONTH												DISTRICTS		
SALT.						SALT.						ABIR BOYED AGRICULTURAL LABOURER			STYCE OR HORSE- KEEPER			COMMON MASON, CARPENTER OR BLACKSMITH						
SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			
SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			
SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL																								
Western Districts																								
13 5 1/2	13 5 1/2	13 9	2 15 0	2 15 0	2 14 0	8 0	8 0	8 0	6 8	6 8	6 8	10 0	10 0	10 0	Burdwan									
12 0	12 0	12 8	3 3 0	3 2 0	3 1 6	5 0	6 0	5 10	4 0	5 0	4 0	7 0	8 0	7 8	Bankura									
12 0	12 0	12 0	3 0 0	3 0 0	3 2 0	4 0	1 0	4 0	5 0	5 0	5 0	7 8	7 8	8 0	Bentham									
13 0	13 0	12 8	3 0 0	3 0 0	3 0 0	6 0	6 0	6 0	5 0	5 0	5 0	10 0	10 0	10 0	Maldah									
13 0	13 0	13 0	2 14 0	2 14 0	3 0 0	10 0	7 8	7 8	6 0	6 0	6 0	12 0	10 0	10 0	Hugli									
2 13	12 13	12 0	2 14 0	2 14 0	3 2 0	15 0	15 0	15 0	7 0	7 0	7 0	25 0	25 0	25 0	Howrah									
Central Districts																								
(coolies)																								
13 4	13 4	13 0	2 12 0	2 12 0	3 0 0	12 0	12 0	12 0	7 0	7 0	7 0	15 0	15 0	15 0	Calcutta									
12 8	13 0	12 5	3 0 0	2 15 0	3 0 0	10 8	10 0	10 8	6 0	6 0	6 0	15 0	15 0	15 0	24-Pargunnahs									
11 10 1/2	11 10 1/2	11 10 1/2	3 0 0	3 0 0	3 2 0	8 0	8 0	8 0	6 0	6 0	6 0	15 0	15 0	15 0	Nuddea									
10 8	10 8	10 8	3 4 0	3 4 0	3 12 0	9 0	9 0	8 0	8 0	8 0	8 0	10 0	10 0	10 0	Khoulia									
11 12	11 12	10 12	3 2 0	3 2 0	3 3 0	7 8	7 8	7 8	7 0	7 0	7 0	15 0	15 0	15 0	Jessore									
11 8	11 8	12 0	...	...	3 5 0	5 0	5 0	5 0	5 0	5 0	5 0	7 8	7 8	7 8	Moorsadabad								
12 8	12 4	12 0	3 2 0	3 2 0	3 4 0	...	...	...	...	...	...	...	...	...	Imamganj								
12 0	12 0	12 0	3 1 4	3 1 4	3 0 0	5 0	6 0	4 0	5 0	5 0	5 0	8 0	10 0	10 0	Rajahmundry									
12 12	12 12	13 0	3 2 0	3 2 0	3 2 0	7 8	7 8	7 8	7 0	7 0	7 0	15 0	15 0	15 0	Bonga									
10 8	10 8	10 8	3 5 4	3 5 4	3 5 4	7 0	6 0	6 0	5 0	5 0	5 0	15 0	15 0	15 0	...									
12 0	12 0	11 6	3 5 0	3 5 0	3 6 0	7 8	7 8	6 0	10 0	6 0	8 0	12 0	12 0	12 0	Patna									
9 0	9 0	9 0	4 4 0	4 4 0	4 4 0	6 0	6 0	6 0	7 0	7 8	7 8	12 0	12 0	12 0	Darjeeling									
12 0	12 0	12 0	3 5 0	3 4 0	3 4 0	6 0	7 8	8 0	7 0	8 0	7 0	10 0	10 0	10 0	Falguni									
Eastern Districts																								
12 8	12 8	0 8	3 3 0	3 3 0	3 3 0	...	...	...	...	...	...	...	...	...	Dacca								
12 0	12 0	11 8	3 0 0	3 1 0	3 5 0	7 8	7 0	7 8	7 0	7 0	7 0	12 0	12 0	12 0	Barisal									
13 0	11 10	11 8	3 1 0	3 2 0	3 6 0	8 0	8 0	8 0	6 0	6 0	7 0	15 0	15 0	15 0	Chittagong									
13 0	12 0	11 12	3 4 0	3 4 0	3 6 0	7 0	7 0	7 0	6 0	6 0	6 0	12 0	12 0	12 0	Cox's Bazar									

G In sub-divisions retail prices of salt per rupee were:—Jhendsah and Natil 12 seers, Magura 11 seers and Pargana 13 seers.

H In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers, and Junagore and Kandi 12 seers.

K In Nattore and N. wgonk sub-divisions retail price of salt 12 seers per rupee.

L In sub-divisions retail prices of salt per rupee were:—Nilphamari 13 seers, Gaibanda 9 seers and Khatkhata 12 seers.

M At Sonagunge retail price of salt 12 seers per rupee.

N At Fallgona in Anupore sub-division retail price of salt 10 seers per rupee.

O In sub-divisions retail prices of salt per rupee were:—Manickganj 11 seers, Moonsheganj 10 seers, and Narainganj 11 seers.

P In sub-divisions retail prices of salt per rupee were:—Patuakhali 11 seers, Patuapore 11 seers and Bhola 10 seers.

Q In sub-divisions retail prices of salt per rupee were:—Kishoreganj 12 seers, Atlas 12 seers, Jamalpur 12 seers, Sherpore 12 seers, and Netrokona 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the Head quarter

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLAM. (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts - concluded.																			
22	Chittagong ...	11 0	14 0	16 0	...	...	...	13 0	12 0	13 0	18 9	20 0	18 0	...	...	...
23	Noakhully ...	...	...	...	...	...	...	20 0	21 0	20 0	21 8	23 0	22 0	...	...	...
24	Tipperah ...	11 8	14 8	11 8	...	...	...	17 8	17 12	20 2	26 4	29 0	23 8	...	...	...
25	Chittagong Hill Tracts, Hill Tipperah ...	...	...	...	...	...	...	13 5	13 5	11 1	14 8	14 8	13 5	...	...	...
		12 0	12 0	12 0	...	...	...	16 0	14 0	13 0	23 0	26 0	18 0	...	...	...
BEHAR.																			
26	Patna (Matoof-gunge & Mun-surgunge).	18 0	19 0	20 0	26 8	29 0	34 0	11 8	11 8	11 8	21 9	20 0	26 8	23 8	26 0	32 0			
27	Gya ...	13 0	14 12	17 0	24 0	27 0	35 0	10 0	10 0	10 0	18 0	17 8	22 8	...	...	...
28	Shahabad ...	15 0	15 0	17 0	20 0	20 0	32 0	9 0	9 0	9 0	16 0	16 0	19 0	...	...	...
29	Durbhanga ...	17 8	18 0	19 14	27 0	28 0	33 0	14 12	14 0	14 6	20 4	19 0	23 0	...	...	22 0	
30	Mosnherpore ...	15 0	19 0	20 0	29 0	35 0	32 0	12 0	12 0	12 0	20 0	20 0	23 0	...	...	...
31	Saran ...	15 2	16 8	17 8	29 4	28 0	32 0	8 12	9 0	8 8	21 8	18 8	23 0	...	...	...
32	Clumparan ...	16 0	17 0	21 0	33 0	40 0	40 0	8 0	8 0	7 8	21 0	17 0	20 0	...	...	...
33	Monghyr ...	15 12	18 14	20 0	27 8	33 10	42 0	13 5	13 9	18 13	17 4	20 0	18 12	...	...	27 0	
34	Bhagulpore ...	15 2	16 6	16 6	27 12	29 0	40 6	12 10	13 14	20 3	17 10	17 10	24 0	...	...	...
35	Purneah ...	19 0	21 0	18 0	40 0	10 0	...	21 0	20 0	23 0	26 0	22 0	24 0	...	...	...
36	Maldah ...	12 8	20 0	15 0	...	...	...	14 0	13 10	16 0	22 8	22 0	25 0	...	...	...
37	Southal Pergha.	13 0	13 5	14 8	...	...	...	14 0	14 0	25 0	21 6	22 0	33 0	...	...	...
ORISSA.																			
38	Cuttack ...	17 1	17 1	13 2	...	...	...	10 8	10 8	13 2	18 6	18 6	18 6	...	...	...
39	Pooree ...	14 7	14 7	14 7	...	...	...	11 13	11 13	15 12	21 0	18 6	22 5	...	...	...
40	Balasore ...	15 0	15 0	16 0	13 0	13 0	13 0	13 0	13 0	13 0	21 8	27 0	24 0	...	...	...
CHOTA NAGPORE South-Western Frontier Agency.																			
41	Hazareebagh ...	12 8	13 0	19 0	20 0	21 0	13 0	10 0	10 0	13 0	17 0	17 0	23 0	Not procurable.					
42	Lohardugga ...	13 0	14 0	24 0	20 0	20 0	18 0	16 0	16 0	22 0	21 0	22 0	29 0	...	...	...
43	Singbhoom ...	16 0	18 0	24 0	20 0	28 0	24 0	20 0	20 0	28 0	26 0	24 0	32 0	...	...	...
44	Manbhoom ...	13 6	16 0	16 0	32 0	...	30 0	16 0	16 0	18 0	23 0	24 0	32 0	22 0	40 0	...			

* Increase in the price of common rice is due to loss

Q At Cox's Bazar retail price of salt 11 seers per rupee.

R At Lanchagachia Hat in Penny sub-division retail price of salt 10 seers per rupee.

S In sub-divisions retail prices of salt per rupee were:—Buxar and Sasseram 12½ seers and Bhabush 11½ seers.

T In sub-divisions retail prices of salt per rupee were:—Madhubani 11 seers and Tajpore 12 seers.

U At Hajpore retail price of salt 12½ seers per rupee.

V At Bettiah retail price of salt 11½ seers per rupee.

Published for general information.

CALCUTTA,
The 10th January 1887.

5.ERS OF NO TOLANE

BAJRA OR COMBU. (<i>Pennisetum typho-</i> <i>ideum.</i>)			MARUA OR HAJI. (<i>Eleusine Corocana</i>			KANGHI OR KAHUN. ITALIAN MILLET. (<i>Setaria italica</i>)			GRAM, (HANA. CHHOLA, KADALAY OR SUNAGA. (<i>Cicer arisctinum.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year	Present return.	Next preceding return.	Corresponding return of last year	Present return.	Next preceding return.	Corresponding return of last year.

[illegible]

INDIAN CORN OR MAIZE (<i>Zea Mays</i>)			ARHAR OR THUR. CADJAN PEA (<i>Cajanus indicus</i>)			FERNWOOD		
Present return.	Next preceding return	Corresponding return of last year	Present return	Next preceding return.	Corresponding return of last year	Present return	Next preceding return	Corresponding return of last year
S C h	S C h	S C h	S C	S C h	S C h	S C	S C h	S C h
			10 2	11 0	11 0	108	100	75 0
								"
			8 0	8 10	10 0			
						320	340 0	32 0
			10	0 0	10 0			-
27 8	8 7	10 0	20 8	22 0	34 0	20 0	200	110 0
			1	20 0	3 0	14	140	12 0
			14 0	14	1 0	12	10	14 0
22 5	8 0	3 0	18 0	16 0	9 14	170 0	160 0	170 0
26 4	3 0	0 0	16 0	18 0	21 0	1 0	12	140 0
26 8	28	31 8	19 5	21 0	2 7	10	18	160 0
30 0	30	31 7	17 5	0 0	1 8	16 0	16 0	160 0
26 4	9 7	12	16 4	21 0	21 0	120	12 0	120 0
25 4	27 1	40 0	20	0 0	0 3	131 8	164 0	183 12
30 0			6 0	10	0 0	160 0	160 0	125 0
						120	160 0	160 0
40 0	35 0	0 0	27 0		27 0	20 0	200 0	200 0
			15 12	15 12		80 0	80 0	8 0
			14 7	13 2	16 12	70 0	70 0	70 0
			12 0	12 0	13 0	20 0	160 0	160 0
21 0	24 0	40 0	18 0	20 0	19 0	320 0	320 0	240 0
20 0	28 0	30 0	24 0	24 0	20 0	120 0	120 0	120 0
.			20 0	24 0	21 0	24 0	320 0	320 0
	.	40 0	20 0	20 0	.	240 0	240 0	240 0

Station Bazars of the Districts of Bengal on the 31st December 1887—(concluded.)

			WHOLESALE PRICES PER MAUND OF 40 SEERS			AVERAGE WAGES PER MONTH													
SALT			SALT			ARTY BODIED AGRICULTURAL LABOURER			SYCK OR HORSE KITIFE			COMMON MASON CATTLEMAN BLACKSMITH							
Present return	Next preceding return	Corresponding return of 1st year	Present return	Next preceding return	Corresponding return of last year	Present return	Next preceding return	Corresponding return of 1st year	Present return	Next preceding return	Corresponding return of 1st year	Present return	Next preceding return	Corresponding return of 1st year	Present return	Next preceding return	Corresponding return of 1st year	DISTRICTS	
Eastern Districts—continued																			
Q	11 0	11 0	12 0	3 4 0	3 4 0	3 2 0	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	Patna	
R	10 0	10 0	10 0	3 12 0	3 6 0	4 1 0	7 0	7 0	7 0	7 0	7 0	7 0	7 0	7 0	7 0	7 0	7 0	Patna	
11 8	11 8	11 1	3 5 0	3 0 0	3 7 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	Patna	
8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	Patna	
11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	Patna	
Bihar																			
12 0	11 8	11 8	3 0 0	3 1 0	3 1 0	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	Patna	
11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	Patna	
S	12 8	12 8	12 0	3 3 0	3 0 0	3 5 0	2 8	2 12	2 12	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	Patna	
T	13 0	12 0	13 0	3 0 0	3 0 0	3 0 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	Patna	
U	12 0	12 0	12 0	3 4 0	3 4 0	3 4 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	Patna	
12 4	12 0	12 0	3 2 0	3 3 0	3 2 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
V	11 8	12 0	12 0	3 3 0	3 3 0	3 3 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
W	12 9	12 9	12 1	2 14 0	2 14 0	3 4 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
X	12 0	12 0	12 10	3 1 0	3 4 0	3 0 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
Y	10 8	10 8	10 8	3 5 0	3 5 0	3 10 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
11 12	11 12	11 0	3 5 0	3 5 0	3 5 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	Patna	
Z	11 4	11 8	12 0	3 4 0	3 4 0	3 3 0	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	Patna	
Orissa																			
14 0	14 0	14 0	2 12 0	2 12 0	2 12 0	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8	Patna	
13 2	13 2	14 7	2 12 0	2 12 0	2 10 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	Patna	
Z1	10 8	11 0	10 8	3 5 0	3 4 0	3 8 0	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	Patna	
Sikhar																			
Z2	10 0	10 8	9 0	3 10 0	3 8 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	Patna	
10 8	10 8	10 0	3 8 0	3 8 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	3 12 0	Patna	
9 0	9 0	9 0	4 4 0	4 0 0	4 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	Patna	
Z3	10 0	10 10	10 10	3 8 0	3 6 0	3 6 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	4 0 0	Patna	

quantity being brought to market for sale.

W In sub-divisions retail prices of salt per rupee were — Begusarai 11 seers and Jamui 11 seers.

X Retail price of salt at Banka, Mudehpore and Soopool 11 seers per rupee.

Y In sub-divisions retail prices of salt per rupee were:—Kishengunge 10 seers and Arracah (at Kishengunge) 12 seers.

Z In sub-divisions retail prices of salt per rupee were:—Godda 11 seers, Pakour 13 seers, Rajmahal 12 seers.

Z1 At Bhandarkh retail price of salt 9 seers per rupee.

Z2 At Kharagdiha in Alipore sub-division retail price of salt 12 seers per rupee.

Z3 At Gopabandha retail price of salt 12 seers per rupee.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

Number	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 11 0	2 11 6	2 11 9	1 12 0	1 12 0	1 10 8	3 13 0	3 10 3	3 8 0	2 0 9	1 16 6	1 16 0
2	Berhampore ...	2 4 0	1 14 0	...	...	...	...	3 8 0	3 12 0	3 14 0	1 14 0	1 14 0	2 0 0
3	Dacca ...	2 6 0	2 6 0	2 5 0	1 8 0	1 8 0	1 8 0	2 6 0	2 4 0	2 9 0	1 15 0	1 15 0	2 3 0
4	Narainpore ...	...	...	...	...	...	...	1 14 0	2 4 0	2 6 0	1 13 0	2 0 0	2 0 0
5	Chittagong ...	3 6 0	2 12 0	3 6 0	...	...	...	3 0 0	3 4 0	2 12 0	2 2 0	1 14 0	2 0 0
6	Patna (Munroo- gunge and Munroo- gunge.)	2 2 0	2 0 0	1 13 0	1 0 6	1 4 3	1 2 6	3 0 0	3 0 0	3 0 0	1 14 0	1 14 0	1 7 3
7	Balasore	2 10 0	2 10 0	2 4 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	1 12 0	1 6 0	1 10 0
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 14 0	2 0 6	1 11 0
9	Cuttack ...	2 2 0	2 2 0	3 0 0	...	...	...	3 10 0	3 10 0	3 0 0	2 2 0	2 2 0	2 2 0

CALCUTTA.

The 10th January 1888.

MARUA OR RAGI. (<i>Eleusine Corocana</i> .)			KANGNI OR KAKI ITALIAN MILLET. (<i>Setaria italica</i> .)		
Present return	Next preceding return.	Corresponding return of last year.	Present return	Next preceding return	Corresponding return of last year.
L. A. P.	R. A. P.	C. A. P.	L. A. P.	R. A. P.	C. A. P.
2 4 0	2 4 0	..	3 0 0	3 8 0	2 6 0
..
..
..
1 6 0	1 3 0	6 0	1 5 0	4 3 0	1 14 0
..
..

PRICES PER MAUND

JOWAR OR CHOLU. (<i>Sorghum Vulgare.</i>)			BAJRA OR CUMBU (<i>Pennisetum typhoides.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 0 1	14 0 2	10 0 3	8 0 3	8 0 2	8 0
...
...
...
...
1 10 0 1	6 0 1	3 0	.	...	1 6 0
.
.
.

undermentioned *Marts* of Bengal on the 31st December 1887.

GRAM, CHANA, CHHOLA, KADALAY OR SONAGA. (<i>Cicer Ariselinum</i> .)			INDIAN-CORN OR MAIZE. (<i>Zea Mays</i> .)			ARHAR OR THUR (ADJAN PEA. (<i>Cajanus indicus</i> .)			FIRWOOD.			SALT			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 14 6	1 13 0	1 10 0	1 10 0	1 8 0	1 4 0	2 4 0	2 4 0	2 0 0	0 6 0	0 6 9	0 7 0	2 12 0	2 12 0	3 0 0	Calcutta
2 12 0	2 6 0	1 12 6	...	...	...	...	...	...	0 6 6	...	...	3 1 0	3 0 0	3 1 4	Sersajunge.
2 0 0	2 3 0	2 2 0	...	...	...	2 0 0	2 1 0	...	0 5 0	0 6 0	0 5 0	3 3 0	3 3 0	3 8 0	Dacca.
2 2 0	2 8 0	2 0 0	...	...	...	2 4 0	...	...	0 8 0	0 8 0	0 6 0	3 2 0	2 14 0	3 2 0	Narainpore.
2 10 0	2 10 0	2 8 0	...	...	...	3 10 0	3 8 0	3 8 0	0 5 3	0 6 0	0 8 0	3 4 0	3 4 0	3 3 0	Chittagong.
1 12 0	1 8 0	1 3 6	1 5 6	1 5 0	1 0 0	1 13 0	1 12 0	1 2 6	0 5 0	0 5 0	0 5 3	3 0 0	3 1 6	3 1 6	Patna (Munro- gunge and Munro- gunge).
2 4 0	2 6 0	2 8 0	...	...	...	3 2 0	3 2 0	3 0 0	0 4 0	0 4 6	0 5 0	3 5 0	3 4 0	3 8 0	Bahar.
...	...	...	...	...	...	...	...	...	...	...	...	2 12 0	2 12 0	2 10 0	Pooree.
2 2 0	(kaini) 2 2 0	2 2 0	...	...	...	2 5 0	2 5 0	...	0 8 0	0 8 0	0 8 0	2 12 0	2 12 0	2 12 0	Cuttack.

Published for general information.

P. NOLAN,
Secy. to the Govt. of Bengal.

Meteorological Report of the Province of

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.																		
			AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.		Rainfall.				
			Highest, 10 A.M. to 4 P.M. of month.	Lowest, 10 A.M. to 4 P.M. of month.	Mean, 10 A.M. to 4 P.M. of month.	Mean, 10 A.M. to 4 P.M. of month.	Variation from normal mean.	Lowest of month.	Highest of month.	Mean of month.	Mean of month.	Mean of month.	Mean, 10 A.M. to 4 P.M. of month.	Variation from normal mean.	Mean cloud amount, 10 A.M. to 4 P.M. of month.	Variation from normal mean, 10 A.M. to 4 P.M. of month.					
ORISSA.	DISTRICT.	Representative stations.	Pooree	...	Gumhore	30.185	29.972	30.078	30.116	002	80.2	54.0	77.1	69.5	69.9	+0.5	58	1.2	—	Nd	
			Fake Point	30.143	30.023	30.083	30.115	002	80.1	5.6	77.5	69.0	68.8	-0.2	70	0	1.6	-1.0	Nd		
			Cuttack	...	Cuttack	30.020	29.957	29.988	30.111	+11	88.4	52.4	80.9	77.8	70.1	-0.4	55	-11	1.2	-0.5	Nd
			Balsore	...	Balsore	30.138	29.981	30.059	30.113	011	82.4	47.4	79.7	62.8	61.3	+0.7	54	0	—	—	Nd
SOUTH-WEST BENGAL.	South-West Midnapore and South 24-Pargannas.	Saugor Island	30.153	30.009	30.081	30.121	+0.3	80.7	53.3	76.1	68.2	67.3	-0.5	65	-7	1.7	-0.3	Nd			
	Midnapore	...	Midnapore	30.042	29.996	29.999	30.117	+0.9	82.1	49.2	79.5	63.4	66.6	0	49	—	1.1	—	0.02		
	24-Pargannas, Howrah and Hooghly.	Calcutta	30.150	30.007	30.078	30.117	+0.0	79.5	52.5	76.2	69.0	66.1	-0.1	50	-15	1.6	-0.4	Nd			
	Burdwan	...	Burdwan	30.070	29.997	29.999	30.124	+0.0	81.5	49.3	78.1	67	65.4	-0.4	63	+2	1.7	-0.3	Nd		
EAST BENGAL.	Baikoora	...	Baikoora	29.811	29.718	29.764	—	—	82.2	48.3	74.5	63.0	67.8	—	59	—	0.5	—	Nd		
	West Burdwan and Beerbhoom.	Raniganj	29.841	29.766	29.799	30.113	+0.15	82.3	49.9	78.8	63.6	67.2	+0.5	51	—	1.2	—	Nd			
	Moorsheadabad	...	Berhampore	30.119	29.982	30.051	30.120	+0.20	79.6	51.2	76.5	64.8	65.7	-0.6	66	—	0.8	-1.2	Ni		
	Nuddea	...	Krishnagar	30.000	29.969	29.984	30.107	—	80.8	49.9	77.4	62.5	65.0	—	59	—	1.2	—	Nd		
NORTH BENGAL.	Jessore and Khoolna	Jessore	30.051	29.997	29.974	30.112	+0.11	82.7	47.4	78.8	64.1	65.5	+0.2	65	-2	1.6	-0.1	Nd			
	Chittagong	...	Chittagong	30.057	29.914	29.985	30.059	-0.01	83.1	53.7	78.9	66.4	67.7	-0.5	75	0	0.6	-1.3	Nd		
	Chittagong Hill Tracts	Dumra	30.121	29.933	29.977	30.085	+0.19	81.8	50.1	76.8	65.2	66.0	+0.1	67	—	0.5	—	Nd			
	Backerganj	...	Barrisal	30.084	29.953	29.968	30.071	—	81.3	49.5	78.5	62.6	65.6	-0.9	64	—	0.3	—	Nd		
SOUTH BENGAL.	Sonkhully	...	Sonkhully	30.113	29.979	29.996	30.102	0.05	80.7	47.6	74.6	64.3	64.5	-0.7	66	—	0.2	—	Nd		
	Furzedpore	...	Furzedpore	30.113	29.980	29.971	30.067	+0.1	84.1	50.7	79.0	67.6	67.5	-0.5	60	-6	0.7	-0.7	Nd		
	Dacca	...	Dacca	30.113	29.980	29.971	30.067	+0.1	84.1	50.7	79.0	67.6	67.5	-0.5	60	-6	0.7	-0.7	Nd		
	Tipperah	...	Comillah	30.094	29.981	29.951	30.088	+0.05	85.4	48.1	79.9	62.1	66.2	+0.3	69	—	0.6	—	Nd		
NORTH BENGAL.	Mymensingh	...	Mymensingh	30.063	29.981	29.972	30.111	+0.04	82.1	49.1	76.9	62.7	64.8	+0.2	71	—	1.6	—	Nd		
	Bogra	...	Potra	30.067	29.941	29.954	30.076	—	81.6	45.9	77.4	62.7	65.1	—	65	—	0	—	Nd		
	Pubna	...	Seragunj	30.111	29.981	29.955	30.100	+0.05	82.0	45.0	77.6	62.5	65.0	+0.2	72	—	0.8	—	Nd		
	Rajshahye	...	Ranore Bazar	30.063	29.941	29.954	30.100	+0.05	82.0	45.0	77.6	62.5	65.0	+0.2	72	—	0.8	—	Nd		
NORTH BENGAL.	Maldah	...	Maldah	30.079	29.943	29.961	—	—	79.5	44.1	77.1	60.7	62.9	—	60	—	0.4	—	Nd		
	Dinapore	...	Dinapore	30.099	29.967	29.971	30.055	+0.09	79.5	46.3	77.0	60.1	63.4	0	59	—	0.2	—	Nd		
	Kungpore	...	Kungpore	30.061	29.941	29.979	30.110	+0.15	79.8	47.8	77.1	60.6	63.9	+0.6	71	—	0	—	Nd		
	Jalpigoree and Cooh Behar.	Jalpigoree	29.829	29.734	29.781	30.131	+0.14	78.9	48.4	75.8	61.1	63.5	-0.2	66	—	0.3	—	Nd			
NORTH BENGAL.	Darjeeling Hill Tracts	Darjeeling	30.103	29.962	29.952	—	—	79.8	44.1	77.1	60.7	62.9	—	60	—	0.4	—	Nd			
	Purneah and North Bhagalpore.	Purneah	30.067	29.935	29.969	30.129	+0.14	78.2	43.4	74.6	64.4	61.5	-1.7	70	0	0.1	-1.1	Nd			
	Mozufferpore	...	Mozufferpore	30.069	29.875	29.971	30.145	+0.25	77.9	48.1	74.5	63.5	61.0	+0.3	74	-1	0.2	-1.0	Nd		
	Durbhunga	...	Durbhunga	30.061	29.796	29.869	30.105	+0.09	77.7	46.8	76.6	63.9	60.8	-0.2	51	—	0.4	—	Nd		
SOUTH BENGAL.	Chumparun	...	Mohuri	29.825	29.736	29.780	30.131	+0.04	77.05	46.1	74.4	61.6	62.9	+0.6	65	—	0.1	—	Nd		
	Sarun	...	Chupra	29.826	29.681	29.753	30.146	+0.11	79.0	47.5	76.2	63.1	64.1	+2.9	64	—	0.9	—	Nd		
	Shahabad	...	Buxar	29.998	29.865	29.931	30.149	+0.25	78.4	45.4	76.2	60.5	63.1	+1.6	52	—	0.5	—	Nd		
	Gya	...	Gya	29.796	29.657	29.726	30.158	+0.01	79.7	46.3	76.3	60.5	63.4	-0.4	49	-8	1.2	—	Nd		
CHUTIA NAGPUR.	Patna	...	Bankipore	30.020	29.894	29.955	30.154	+0.14	79.3	45.8	75.5	61.3	63.4	+1.3	61	-4	0.8	—	Nd		
	South Bhagalpore and Monghyr.	Bhagalpore	30.012	29.880	29.946	30.150	+0.22	78.4	45.0	74.2	60.3	61.8	-0.7	63	—	0.2	—	Nd			
	Sonthal Pargunnas	...	Naya Doonka	29.957	29.823	29.890	—	—	79.8	45.1	76.4	60.7	63.1	-0.2	60	—	0.3	—	Nd		
	Hazaribagh	...	Hazaribagh	29.920	29.795	29.857	30.142	+0.18	79.2	45.4	72.2	60.8	61.3	+0.1	42	-7	1.4	-0.6	Nd		
CHUTIA NAGPUR.	Loharenga and Manbhoom.	Ranchee	29.979	29.833	29.905	30.117	+0.10	75.31	43.31	72.01	59.71	60.71	+0.7	53	—	1.8	—	Nd			
	Singbhum	...	Chyabassa	29.801	29.626	29.713	—	—	80.3	40.0	78.0	61.9	64.0	+0.3	41	—	1.3	—	Nd		
	...	...	Dhumbri	30.048	29.921	29.984	30.122	-0.10	78.5	61.3	76.1	63.9	66.0	-0.5	76	—	0.4	—	Nd
	Assam	...	Sibsagar	29.869	29.718	29.793	30.155	0	75.0	45.1	71.9	67.5	60.7	-1.6	88	—	0.8	—	Nd		
CHUTIA NAGPUR.	...	...	Silchar	30.060	29.929	29.994	30.108	-0.12	80.2	47.6	81.6	62.2	63.0	+0.1	68	—	2.2	—	Nd

* Mean of 25 days.

+ Mean of 30 days.

Bengal for the month of December 1887.

DISTRICT OBSERVATIONS											Representative stations	DISTRICT.	METEOROLOGICAL DIVISION.
Mean of dis- trict.	RAINFALL.					Since 15th May							
	Normal mean.	Variation in in- ches	Days of rain	Mean of day	Mean of 15th May	Mean of 15th May	Mean of 15th May	Mean of 15th May	Mean of 15th May				
Nil	0.93	-0.93	Nil	1.4	42.8	56.27	-13.23	61.9	83.4	Gopalpore	Poree	ORISSA.	
Nil	0.68	-0.68	Nil	1.5	41.87	52.33	-10.46	74	80.0	Pala Point	Cuttack		
Nil	0.34	-0.34	Nil	6.7	41.84	56.70	-14.86	64.1	76.8	Cuttack	Balasore	SOUTH-WEST BENGAL.	
Nil	0.37	-0.37	Nil	0.1	58.8	62.13	-3.33	79.0	83.1	Balasore	South West Midnapore and South 24 Pargan- nahs		
0.01	0.32	-0.32	0.1	0.6	10.16	11.12	-0.96	63.8	71.3	Saugor Island	Midnapore	EAST BENGAL.	
Nil	0.32	-0.32	Nil	0.1	40.0	51.85	-11.85	74.1	89.1	Midnapore	4 Pergunnahs Howrah and Howrah		
Nil	0.21	-0.20	Nil	0.5	4.04	10.39	-6.35	71.4	75.0	Calcutta	Burdwan	NORTH BENGAL.	
Nil	0.14	-0.14	Nil	0.7	11.33	52.14	-40.81	71.6	81.9	Burdwan	Bankura		
Nil	0.6	-0.16	Nil	0.8	47.53	52.01	-4.48	76.1	82.9	Bankura	West Burdwan and Bachhgan	NORTH BENGAL.	
Nil	0.18	-0.18	Nil	0.1	58.81	49.37	+9.44	80.8	77.8	Ramgunj	Moorsheadabad		
Nil	0.19	-0.19	Nil	0.1	4.73	40.16	-35.43	7.8	77.3	Birampur	Nudia	NORTH BENGAL.	
Nil	0.21	-0.21	Nil	0.7	41.50	5.18	-36.32	76.6	84.4	Krishnagore	Jessore and Khoulna		
Nil	0.58	-0.58	Nil	1.1	96.03	114.13	-18.10	104.3	107.3	Jessore	Chittagong	NORTH BENGAL.	
Nil	0.62	-0.62	Nil	1.5	11.50	81.81	-70.31	104.3	113.3	Chittagong	Chittagong Hill Tracts		
Nil	0.43	-0.43	Nil	1.0	53.3	77.17	-23.87	91.6	100	Dumaguri	Buckerganj	NORTH BENGAL.	
Nil	0.81	-0.81	Nil	1.0	72.67	100.07	-27.40	12.0	108.1	Buroni	Nonkhally		
Nil	0.15	-0.15	Nil	0.6	33.30	7.38	-25.92	63.7	8.6	Nonkhally	Lurnepore	NORTH BENGAL.	
Nil	0.30	-0.30	Nil	0.1	40.1	60.77	-20.67	81.5	90.3	Lurnepore	Dacca		
Nil	0.41	-0.41	Nil	0.1	43.01	76.88	-33.87	75.2	9.7	Dacca	Comillah	NORTH BENGAL.	
Nil	0.24	-0.24	Nil	0.7	60.3	67.29	-6.99	74.8	81.0	Comillah	Mymensingh		
Nil	0.10	-0.10	Nil	0.7	10.48	56.77	-46.29	71.1	74.1	Mymensingh	Bogra	NORTH BENGAL.	
Nil	0.15	-0.15	Nil	0.7	44.00	53.33	-9.33	73.0	79.7	Bogra	Pubna		
Nil	0.12	-0.12	Nil	0.5	43.37	51.64	-8.27	63.0	7.7	Sripur	Rajshahye	NORTH BENGAL.	
Nil	0.13	-0.13	Nil	0.6	46.61	51.53	-4.92	71.0	83.4	Rajshahye	Maldah		
Nil	0.22	-0.22	Nil	0.1	69.06	53.76	-15.30	77.4	76.5	Maldah	Dinapore	NORTH BENGAL.	
Nil	0.18	-0.18	Nil	0.5	80.60	72.95	-7.65	7	73	Dinapore	Ranepore		
Nil	0.19	-0.19	Nil	0.8	117.4	110.16	-7.24	88.6	9.7	Ranepore	Dalpo and Cooch Behar	NORTH BENGAL.	
Nil	0.37	-0.37	Nil	1.1	117.17	120.21	-3.04	110.1	111.0	Dalpo and Cooch Behar	Darjiling Hill Tracts		
Nil	0.13	-0.13	Nil	0.5	65.04	56.52	-8.52	71.4	68.1	Darjiling	Furneah and North Bhagpore	NORTH BENGAL.	
Nil	0.13	-0.13	Nil	0.5	46.90	42.63	-4.27	59.7	5.1	Furneah	Mazulipore		
Nil	0.12	-0.12	Nil	0.5	51.62	43.70	-7.92	64.7	61.1	Mazulipore	Darbhanga	NORTH BENGAL.	
Nil	0.23	-0.23	Nil	0.7	49.98	45.86	-4.12	54.0	5.1	Darbhanga	Champaran		
Nil	0.10	-0.10	Nil	0.6	39.5	42.51	-3.01	53.3	50.0	Champaran	Saran	NORTH BENGAL.	
Nil	0.20	-0.20	Nil	0.6	37.55	39.89	-2.34	51.2	51	Saran	Shahabad		
Nil	0.28	-0.28	Nil	0.6	38.00	41.05	-3.05	56.3	25.1	Shahabad	Gya	NORTH BENGAL.	
Nil	0.17	-0.17	Nil	0.6	36.01	41.00	-4.99	56.1	60.1	Gya	Patna		
Nil	0.11	-0.11	Nil	0.5	42.03	42.63	-0.60	59.2	6.0	Patna	South Bhagalpore and Muzaffarpur	NORTH BENGAL.	
Nil	0.15	-0.15	Nil	0.5	52.40	50.17	-2.23	74.5	75.1	South Bhagalpore	South Pargunnahs		
Nil	0.34	-0.34	Nil	0.7	40.42	50.19	-9.77	66.0	81.0	South Pargunnahs	Hazaribagh	NORTH BENGAL.	
Nil	0.27	-0.27	Nil	0.8	41.34	46.88	-5.54	67.1	80.1	Hazaribagh	Laharibagh and Man- bhan		
Nil	0.30	-0.30	Nil	1.4	40.62	50.85	-10.23	71.0	91.6	Laharibagh	Singhpoor	NORTH BENGAL.	
Nil	0.30	-0.30	Nil	1.4	40.62	50.85	-10.23	71.0	91.6	Singhpoor	Asso		
Nil	0.30	-0.30	Nil	1.4	40.62	50.85	-10.23	71.0	91.6	Asso	Sikhar	NORTH BENGAL.	
Nil	0.30	-0.30	Nil	1.4	40.62	50.85	-10.23	71.0	91.6	Sikhar	Sikhar		

Table of Rainfall recorded at Stations

[illegible]

Bengal in December 1887.

1	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st Dec. 1887.	Average rainfall from 1st January up to 31st Dec. 1887.	Station.	District.	Metæorologic division.
											Nil	1.5	Nil	0.75	Nil	34.88	55.07	Poorce	Poorce	ORISSA.
											Nil	1.6	Nil	0.83	Nil	40.59	60.11	Khurdah.		
											Nil	1.9	Nil	1.43	Nil	40.25	54.52	Banpur.		
											Nil	1.3	Nil	0.67	Nil	68.40	63.92	False Point.		
											Nil	?	Nil	?	Nil	30.06	?	Gop.		
											Nil	?	Nil	?	Nil	?	?	Pipli.		
											Nil	0.9	Nil	0.41	Nil	35.57	51.48	Jagatsingapore.	Cuttack.	
											Nil	2.8	Nil	0.95	Nil	45.41	53.80	Banki.		
											Nil	1.5	Nil	0.59	Nil	53.57	58.13	Cuttack.		
											Nil	1.1	Nil	0.51	Nil	57.18	57.71	Kondrapara.		
											Nil	1.1	Nil	0.75	Nil	52.36	58.66	Jajpore.		
											Nil	?	0.13	?	Nil	47.07	?	Dhamsalla.		
											Nil	?	?	?	Nil	52.28	?	Salipore.		
											Nil	0.9	Nil	0.62	Nil	41.17	59.06	Chandbali.	Balasore.	
											Nil	0.7	Nil	0.39	Nil	53.58	58.71	Bluddruck.		
											Nil	0.5	Nil	0.14	Nil	40.09	56.84	Sorah.		
											Nil	0.9	Nil	0.25	Nil	51.51	66.78	Balasore.		
											Nil	0.4	Nil	0.11	Nil	43.89	57.01	Jhalasore.		
											Nil	0.9	Nil	0.24	Nil	49.36	60.34	Baripodah.		
											Nil	0.7	Nil	0.34	Nil	52.80	68.32	Contal.	Midnapore.	NORTH-WEST BENGAL
											Nil	1.2	Nil	0.30	Nil	70.00	75.02	Saugor Island.		
											Nil	0.5	Nil	0.27	Nil	53.80	58.19	Tamluk.		
											Nil	0.8	0.09	0.29	Nil	54.41	57.80	Midnapore.		
											Nil	0.6	Nil	0.30	Nil	63.50	62.11	Ghatal.		
											Nil	?	Nil	?	Nil	58.61	?	Kulrahaty.		
											Nil	?	Nil	?	Nil	43.30	?	Haria.		
											Nil	?	Nil	?	Nil	43.60	?	Shyamsaunore.		
											Nil	?	Nil	0.24	Nil	53.55	55.82	Gurbela.		
											Nil	0.8	Nil	0.28	Nil	61.10	66.67	Diamond Har-	24-Pergunnahs	
											Nil	?	Nil	?	Nil	53.68	?	hour.		
											Nil	0.9	Nil	0.35	Nil	60.67	62.43	Canning Tug.		
											Nil	0.7	Nil	0.30	Nil	51.47	55.32	Alipore.		
											Nil	0.9	Nil	0.32	Nil	52.54	58.28	Bacraekpore.		
											Nil	0.8	Nil	0.31	Nil	47.84	57.79	Dum-Dum.		
											Nil	0.6	Nil	0.23	Nil	58.12	62.63	Barasat.		
											Nil	1.2	Nil	0.29	Nil	48.04	60.79	Busserhat.		
											Nil	1.1	Nil	0.32	Nil	44.67	59.89	Howrah.	Howrah.	
											Nil	0.9	Nil	0.29	Nil	45.68	57.52	Mohesraha		
											Nil	0.8	Nil	0.27	Nil	48.00	59.24	(Golobherah).		
											Nil	0.7	Nil	0.24	Nil	40.26	61.59	Serampore.	Roughly.	
											Nil	0.3	Nil	0.23	Nil	43.48	51.94	Hoskily.		
											Nil	0.9	Nil	0.18	Nil	53.99	57.58	Jehanabad.		
											Nil	0.4	Nil	0.11	Nil	63.59	64.85	Cuttwa.	Burdwan.	
											Nil	0.8	Nil	0.12	Nil	59.86	52.81	Ran-ekunge.		
											Nil	?	Nil	?	Nil	48.48	?	Mankar.		
											Nil	0.8	Nil	0.18	Nil	47.87	58.80	Bansoor.	Bankura.	
											Nil	0.6	Nil	0.29	Nil	59.65	57.84	Bishenpore.		
											Nil	0.6	Nil	0.26	Nil	53.01	57.36	Malhara.		
											Nil	0.6	Nil	0.44	Nil	60.42	61.29	Khatra.		
											Nil	0.6	Nil	?	Nil	47.16	?	Indas.		
											Nil	?	Nil	?	Nil	48.27	?	Katulipore.		
											Nil	?	Nil	?	Nil	42.54	?	Anda.		
											Nil	?	Nil	?	Nil	51.77	?	Gansajalzhali.		
											Nil	?	Nil	0.25	Nil	58.71	57.20	Raipur.		
											Nil	?	Nil	?	Nil	39.23	?	Sonmukhi.		
											Nil	0.8	Nil	0.17	Nil	56.80	55.80	Bh. Seory.	Boorhoom.	
											Nil	0.7	Nil	0.13	Nil	57.55	58.74	Hemampore.		
											Nil	0.9	Nil	0.19	Nil	55.86	56.47	Rampore Haut.		
											Nil	?	Nil	?	Nil	45.94	?	Bolpur.		
											Nil	0.4	Nil	0.23	Nil	46.43	54.80	Kanmaghat.	Nuddox.	
											Nil	0.5	Nil	0.15	Nil	52.28	51.06	Kishmaghat.		
											Nil	0.5	Nil	0.16	Nil	51.04	60.52	Choudanra.		
											Nil	0.4	Nil	0.19	Nil	60.68	60.10	Meherpore.		
											Nil	0.5	Nil	0.20	Nil	61.80	62.77	Koushtea.		
											Nil	0.6	Nil	0.35	Nil	57.20	64.71	Satkhira.	Khoolna.	
											Nil	0.8	Nil	0.28	Nil	63.11	71.59	Bagurhat.		
											Nil	0.7	Nil	0.34	Nil	57.20	65.24	Khoolna.		
											Nil	0.7	Nil	0.24	Nil	30.60	55.91	Narail.	Jessore.	
											Nil	0.7	Nil	0.20	Nil	51.39	67.64	Jessore.		
											Nil	0.6	Nil	0.18	Nil	48.00	63.01	Jheidah.		
											Nil	0.6	Nil	0.17	Nil	40.71	60.04	Magorah.		
											Nil	0.4	Nil	0.36	Nil	62.41	59.29	Bongung.		
											Nil	0.7	Nil	0.27	Nil	56.37	55.18	Kandi.	Moorshedabad	
											Nil	0.7	Nil	0.13	Nil	63.58	55.66	Berhampore.		
											Nil	0.5	Nil	0.13	Nil	76.01	55.32	Lalbach.		
											Nil	0.5	Nil	0.13	Nil	67.73	55.43	Azinguoke.		
											Nil	0.5	Nil	0.13	Nil	67.27	55.81	Jungipore.		
											Nil	0.6	Nil	0.14	Nil	70.00	59.04	Lalgua.		
											Nil	?	Nil	?	Nil	56.05	?	Jharpur.		
											Nil	?	Nil	?	Nil	?	?	Patanburi.		
											Nil	1.0	Nil	0.38	Nil	127.50	143.04	Cox's Bazar.	Chittagong.	EAST BENGAL
											Nil	1.1	Nil	0.58	Nil	89.48	104.28	Chittaxong.		
											Nil	?	Nil	?	Nil	83.87	?	Aulubdia.		
											Nil	?	Nil	?	Nil	77.91	?	Satkanya.		
											Nil	1.1	Nil	0.56	Nil	80.06	96.38	Pangamati.	Chittagong Hill Tracts.	
											Nil	2.0	Nil	0.61	Nil	68.63	90.58	Koma.		
											Nil	0.9	Nil	0.47	Nil	79.01	96.99	Patunahally.	Backergunge.	
											Nil	0.7	Nil	0.29	Nil	72.18	78.94	Perceopore.		
											Nil	1.1	Nil	0.26	Nil	73.31	78.46	Barrisal.		
											Nil	1.3	Nil	0.51	Nil	68.31	92.29	Bhola.		
											Nil	?	Nil	?	Nil	54.99	?	Gournaddi.		
											Nil	?	Nil	?	Nil	71.10	?	Buxphal.		
											Nil	1.0	Nil	0.38	Nil	90.32	112.08	Noakholly.	Noakholly.	
											Nil	1.1	Nil	0.51	Nil	97.73	121.56	Fenny.		

Table of Rainfall recorded at Station

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
EAST BENGAL - conold.	Noakhully- conoid. Furzedpore...	Harishpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bangaj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madaripore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Furzedpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca	Goallundo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Munshigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dacca	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	Mamkeemut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Joydehpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Agartala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tipperah	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Brahmunberia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Romechandra- pore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dandkanat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Luksham	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh	Kishoregunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ata (Tangul)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamshiro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Netrokona	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Subornakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BENGAL	Pubna	Iurgapure	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Devanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	Pubna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Serajgunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowkhilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahye	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Panchbibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Beaulah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nattore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maldah	Nasraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalpor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Maldah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinagapora	Chanchal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cajul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Stiganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohndehpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rungpore	Churaimon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinagapora	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balooghut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Julpigoree	Bhawanigunge (Gahanda).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rungpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurigram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogdaka (Niphamarj).		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cooch Behar...	Ulipore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Julpigoree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Alipore Dwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palacotis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Darjeeling Hill	Debrganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinhatra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cooch Behar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mackhigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Bhagal- pore.	Matabhanga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Buxa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Siliguri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darjeeling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Purneah	Kalimpong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kissengunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Arasah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Purueah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mozufferpore	Gondwara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balarampore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Matiari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kaliaganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Durbhunga	Maddapore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Noopool	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Protahganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tajpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chumparan	Durbhunga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mudhubani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Koshera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sarun	Sitamarhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mozufferpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Paru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gopalgunge	Mahua	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sinhar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pupri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Motihari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Betulsh	Begaha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Burharia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gopalgunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bewan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chupra	Chupra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Bengal in December 1887—continued.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days	Average number of rainy days	Total rainfall for the month	Average rainfall for the month	Heavyest rainfall during the month	Total rainfall from 1st of August, 1887, to 31st December 1887	Average rainfall from 1st of August, 1887, to 31st December 1887	Station.	District.	Meteorological division.
											Nil	?	Nil	0.14	Nil	81.47	?	Hatibars	North Bhojpur	East Bengal—could
											Nil	?	Nil	0.13	Nil	77.1	?	Rupur	North Bhojpur	
											Nil	0.4	Nil	0.14	Nil	14.75	08.7	Mitapur	North Bhojpur	
											Nil	0.8	Nil	0.11	Nil	1.86	18.0	Patilpur	North Bhojpur	
											Nil	0.5	Nil	0.14	Nil	47.7	61.5	Gundia	North Bhojpur	
											Nil	0.7	Nil	0.33	Nil	51.42	87.88	Manshuganj	Dacca	
											Nil	0.8	Nil	0.1	Nil	71.13	71.13	Dacca	Dacca	
											Nil	1.1	Nil	0.41	Nil	11.77	71.56	Narainpur	Dacca	
											Nil	0.7	Nil	0.13	Nil	3.98	62.05	Manshuganj	Dacca	
											Nil	?	Nil	?	Nil	16.01	?	Jagdalpur	Dacca	
											Nil	0.7	Nil	0.41	Nil	64.92	78.31	Agartala	Hill Tipperah	
											Nil	1.0	Nil	0.26	Nil	11.12	92.81	Cumilla	Tipperah	
											Nil	1.0	Nil	0.44	Nil	51.1	91.8	Cumilla	Tipperah	
											Nil	0.8	Nil	0.25	Nil	56.91	78.22	Ramchandrapur	Tipperah	
											Nil	?	Nil	?	Nil	51.08	?	Ramchandrapur	Tipperah	
											Nil	?	Nil	?	Nil	50.1	?	Vandipur	Tipperah	
											Nil	?	Nil	?	Nil	47.72	?	Dandakandi	Tipperah	
											Nil	?	Nil	?	Nil	71.01	?	Kash	Tipperah	
											Nil	?	Nil	?	Nil	7.13	?	Lakshin	Tipperah	
											Nil	0.7	Nil	0.32	Nil	47.91	82.16	Kishin	Myrnsingh	
											Nil	0.1	Nil	0.10	Nil	49.0	6.07	Am (Lingul)	Myrnsingh	
											Nil	1.0	Nil	0.12	Nil	8.93	92.0	Myrnsingh	Myrnsingh	
											Nil	0.7	Nil	0.1	Nil	71.73	71.11	Imphal	Myrnsingh	
											Nil	0.8	Nil	0.11	Nil	8.01	8.0	Imphal	Myrnsingh	
											Nil	?	Nil	?	Nil	6.25	?	Shobhachally	Myrnsingh	
											Nil	?	Nil	?	Nil	13.12	?	Durgapuri	Myrnsingh	
											Nil	?	Nil	?	Nil	88.55	?	Deunjan	Myrnsingh	
											Nil	0.8	Nil	0.11	Nil	48.20	65.11	Pabna	Pabna	North Bengal.
											Nil	0.6	Nil	0.13	Nil	61.84	61.40	Patuakhali	Pabna	
											Nil	0.8	Nil	0.22	Nil	56.06	61.41	Shobhachally	Bogra	
											Nil	0.8	Nil	0.11	Nil	66.83	62.65	N. K. K. K.	Bogra	
											Nil	0.5	Nil	0.12	Nil	72.57	75.01	Bogra	Bogra	
											Nil	0.5	Nil	0.19	Nil	70.11	61.36	Panchabati	Bogra	
											Nil	0.7	Nil	0.01	Nil	57.11	51.11	Barisal	Rajshahye	
											Nil	0.3	Nil	0.1	Nil	5.71	61.11	Nalbari	Rajshahye	
											Nil	?	Nil	?	Nil	61.85	?	Nalbari	Rajshahye	
											Nil	?	Nil	?	Nil	60.48	?	Nalbari	Rajshahye	
											Nil	?	Nil	?	Nil	68.20	?	Nalbari	Rajshahye	
											Nil	0.7	Nil	0.31	Nil	55.19	51.00	Maldah	Maldah	
											Nil	0.6	Nil	0.08	Nil	6.10	60.81	Chandpur	Maldah	
											Nil	?	Nil	?	Nil	6.21	?	Gajpur	Maldah	
											Nil	?	Nil	?	Nil	60.68	?	Nalbari	Maldah	
											Nil	0.6	Nil	0.18	Nil	6.15	62.5	M. M. M. M.	Dinagpore	
											Nil	0.8	Nil	0.11	Nil	44.03	6.13	Chandpur	Dinagpore	
											Nil	0.7	Nil	0.10	Nil	75.66	15.01	Rangpur	Dinagpore	
											Nil	0.6	Nil	0.10	Nil	56.0	71.8	Dinagpore	Dinagpore	
											Nil	0.5	Nil	0.21	Nil	61.21	61.15	Imphal	Dinagpore	
											Nil	0.3	Nil	0.17	Nil	78.48	69.51	Bhawanipur	Rangpur	
											Nil	0.6	Nil	0.12	Nil	91.12	81.11	K. K. K.	Rangpur	
											Nil	0.1	Nil	0.1	Nil	88.71	88.8	K. K. K.	Rangpur	
											Nil	0.7	Nil	0.1	Nil	108.02	92.11	K. K. K.	Rangpur	
											Nil	?	Nil	?	Nil	75.71	?	K. K. K.	Rangpur	
											Nil	0.5	Nil	0.09	Nil	137.31	128.77	Julpur	Julpur	
											Nil	?	Nil	?	Nil	138.25	?	Julpur	Julpur	
											Nil	?	Nil	?	Nil	154.09	?	Julpur	Julpur	
											Nil	?	Nil	?	Nil	108.07	?	Julpur	Julpur	
											Nil	1.0	Nil	0.11	Nil	117.82	111.70	Dinagpore	Cooch Behar	
											Nil	0.7	Nil	0.11	Nil	1.770	1.11	Cooch Behar	Cooch Behar	
											Nil	0.8	Nil	0.17	Nil	138.85	10.71	M. K. K.	Cooch Behar	
											Nil	0.9	Nil	0.03	Nil	11.26	1.71	M. K. K.	Cooch Behar	
											Nil	2.1	Nil	0.10	Nil	192.28	1.0	Buxa	Darjeeling H.	
											Nil	1.3	Nil	0.11	Nil	121.07	1.88	Siluri	Darjeeling H.	
											Nil	0.9	Nil	0.12	Nil	125.61	12.8	Darjeeling	Darjeeling H.	
											Nil	1.3	Nil	0.11	Nil	92.55	91.22	K. K. K.	Darjeeling H.	
											Nil	0.6	Nil	0.15	Nil	91.38	75.0	K. K. K.	Purneah	North Bengal.
											Nil	0.6	Nil	0.09	Nil	7.26	61.0	K. K. K.	Purneah	
											Nil	0.7	Nil	0.10	Nil	71.39	61.05	Purneah	Purneah	
											Nil	?	Nil	?	Nil	?	?	Gondpur	Purneah	
											Nil	?	Nil	?	Nil	69.12	?	K. K. K.	Purneah	
											Nil	?	Nil	?	Nil	84.1	?	K. K. K.	Purneah	
											Nil	?	Nil	?	Nil	?	?	K. K. K.	Purneah	
											Nil	0.4	Nil	0.09	Nil	59.88	60	Maddipore	North Bhagalpur	
											Nil	0.5	Nil	0.12	Nil	61.13	188	K. K. K.	North Bhagalpur	
											Nil	?	Nil	?	Nil	75.70	?	P. K. K.	North Bhagalpur	
											Nil	0.4	Nil	0.18	Nil	44.85	45.50	Tipperah	Durbhunga	
											Nil	0.6	Nil	0.18	Nil	57.13	48.4	Durbhunga	Durbhunga	
											Nil	0.6	Nil	0.05	Nil	38.8	45.01	M. K. K.	Durbhunga	
											Nil	?	Nil	?	Nil	56.1	?	K. K. K.	Durbhunga	
											Nil	?	Nil	?	Nil	44.76	?	K. K. K.	Durbhunga	
											Nil	0.6	Nil	0.13	Nil	64.17	46.10	Satanpur	Mozufferpore	
											Nil	0.1	Nil	0.01	Nil	40.11	44.8	Mozufferpore	Mozufferpore	
											Nil	0.6	Nil	0.12	Nil	40.11	15.01	H. K. K.	Mozufferpore	
											Nil	?	Nil	?	Nil	44.11	?	P. K. K.	Mozufferpore	
											Nil	?	Nil	?	Nil	30.22	?	K. K. K.	Mozufferpore	
											Nil	?	Nil	?	Nil	47.15	?	K. K. K.	Mozufferpore	
											Nil	?	Nil	?	Nil	46.06	?	P. K. K.	Mozufferpore	
											Nil	0.8	Nil	0.15	Nil	61.31	45.58	Motihari	Champaran	
											Nil	0.6	Nil	0.24	Nil	41.8	51.48	K. K. K.	Champaran	
											Nil	?	Nil	?	Nil	65.12	?	K. K. K.	Champaran	
											Nil	?	Nil	?	Nil	30.42	?	K. K. K.	Champaran	
											Nil	0.8	Nil	0.19	Nil	46.07	47.12	Gop. K. K.	Baran.	
											Nil	0.7	Nil	0.15	Nil	59.98	45.88	Sewan.	Baran.	
											Nil	0.5	Nil	0.09	Nil	41.64	41.25	Chupra.	Baran.	

Table of Rainfall recorded at Static

[illegible]

in Bengal for the month of December 1887—concluded.

11	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st Dec 1887.	Average rainfall from 1st January up to 31st Dec 1887.	Station.	District.	Meteorological division.
...	Nil	0.9	Nil	0.22	Nil	36.49	39.81	Raxar Dehrae.	Shahabad ..	SOUTH BENGAL.
...	Nil	0.4	Nil	0.36	Nil	40.41	42.14	Bhubuach.		
...	Nil	0.5	Nil	0.20	Nil	38.96	41.24	Sassetam.		
...	Nil	0.7	Nil	0.14	Nil	43.10	44.90	Arrah.		
...	Nil	?	Nil	?	Nil	?	?	Mohantah.		
...	Nil	0.7	Nil	0.38	Nil	32.18	43.62	Aurungabad.	Gya	
...	Nil	0.8	Nil	0.19	Nil	44.14	41.27	Gya.		
...	Nil	0.6	Nil	0.23	Nil	38.69	41.92	Nowadsh.		
...	Nil	0.1	Nil	0.10	Nil	38.83	42.66	Johannabad.		
...	Nil	?	Nil	?	Nil	42.21	?	Arrah.		
...	Nil	?	Nil	?	Nil	29.21	?	Jhansagar.		
...	Nil	?	Nil	?	Nil	38.90	?	Sherrghati.		
...	Nil	?	Nil	?	Nil	32.13	?	Rajpuri.		
...	Nil	?	Nil	?	Nil	24.30	?	Pakri Kharawan.		
...	Nil	0.7	Nil	0.16	Nil	34.04	41.95	Patna	Patna.	
...	Nil	0.6	Nil	0.19	Nil	40.37	42.48	Dinapore.		
...	Nil	0.5	Nil	0.14	Nil	40.08	41.79	Behar.		
...	Nil	0.4	Nil	0.13	Nil	38.61	41.75	Barrh.		
...	Nil	?	Nil	?	Nil	41.35	?	Bickram.		
...	Nil	?	Nil	?	Nil	36.97	?	Hilsa.		
...	Nil	0.4	Nil	0.09	Nil	55.03	42.20	Bogovera.	Monghyr.	
...	Nil	0.5	Nil	0.10	Nil	52.62	45.46	Monghyr.		
...	Nil	0.4	Nil	0.09	Nil	45.35	44.85	Jamui.		
...	Nil	?	Nil	?	Nil	?	?	Gopri.		
...	Nil	?	Nil	?	Nil	30.68	?	Sheikpura.		
...	Nil	0.5	Nil	0.09	Nil	41.07	47.46	Bhagulpore.	South Bhagulpore.	
...	Nil	0.5	Nil	0.14	Nil	47.83	46.94	Bauka.		
...	Nil	?	Nil	?	Nil	40.73	?	Kolmog.		
...	Nil	0.3	Nil	0.06	Nil	61.59	56.15	Rajmehal.	Sonthal Pergunnahs.	
...	Nil	0.5	Nil	0.13	Nil	55.74	47.82	Godda.		
...	Nil	0.5	Nil	0.11	Nil	82.65	60.62	Pakour.		
...	Nil	0.9	Nil	0.22	Nil	49.81	57.74	Nya Doochw.		
...	Nil	0.5	Nil	0.17	Nil	52.32	53.06	Deoghur.		
...	Nil	0.4	Nil	0.15	Nil	44.91	51.31	Jamtara.		
...	Nil	?	Nil	?	Nil	?	?	Sinra.		
...	Nil	?	Nil	?	Nil	40.98	?	Namhat.		
...	Nil	0.7	Nil	0.18	Nil	43.48	50.62	Pachamba.	Hazaribagh ...	ORTHIA NAGPUR.
...	Nil	1.1	Nil	0.23	Nil	40.02	49.64	(Gard).		
...	Nil	0.7	Nil	0.35	Nil	42.20	49.53	Hazaribagh.		
...	Nil	0.4	Nil	0.33	Nil	50.60	49.89	Semantah.		
...	Nil	0.5	Nil	0.37	Nil	50.00	64.85	Mahadi Hills.		
...	Nil	?	Nil	?	Nil	43.56	?	Jhoomiah Hills.		
...	Nil	?	Nil	?	Nil	51.04	?	Barhi.		
...	Nil	?	Nil	?	Nil	75.13	?	Chatra.		
...	Nil	?	Nil	?	Nil	53.73	?	Aaragdeha.		
...	Nil	?	Nil	?	Nil	?	?	Kamphar.		
...	Nil	?	Nil	?	Nil	56.60	?	Lohardugga.	Lohardugga	
...	Nil	0.6	Nil	0.22	Nil	51.90	50.00	Kanchi.		
...	Nil	0.9	Nil	0.42	Nil	52.61	45.29	Palamow.		
...	Nil	?	Nil	?	Nil	11.26	?	Silt.		
...	Nil	?	Nil	?	Nil	?	?	Balumat.		
...	Nil	?	Nil	?	Nil	36.56	?	Hosnabad.		
...	Nil	?	Nil	?	Nil	57.15	?	Gurwah.		
...	Nil	1.4	Nil	0.37	Nil	53.28	55.54	Chyebassa.	Singbhoom.	
...	Nil	?	Nil	?	Nil	50.66	?	Chakradhar-pore.		
...	Nil	?	Nil	?	Nil	58.78	?	Ghatsila.		
...	Nil	?	Nil	?	Nil	44.15	?	Baharagura.		
...	Nil	1.0	Nil	0.28	Nil	47.93	50.10	Parulia.	Manbhoom.	
...	Nil	0.6	Nil	0.20	Nil	32.32	47.95	Gobindpore.		
...	Nil	?	Nil	?	Nil	39.90	?	Kaghunath-pore.		
...	Nil	?	Nil	?	Nil	45.74	?	Harrabhoom.		
...	Nil	?	Nil	?	Nil	?	?	Jhaldia.		
...	Nil	?	Nil	?	Nil	?	?	Chai.		

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF DECEMBER 1887.**

THE meteorology of the month of December in Bengal is usually very simple, the conditions being almost identical with those which obtain during the preceding month of November, the only difference being that the north-east monsoon conditions are present in their most complete form during this month and in January. The normal features of the month of December are therefore diminishing temperature, increasing pressure, considerable dryness of the air, an almost complete absence of cloud, the prevalence of a light northerly wind current, and usually absence of rain during the greater part or almost the whole of the month.

These normal conditions may, however, be disturbed by two classes of actions—the first class of disturbances are those which are formed in Upper India and consist of shallow barometric depressions which, after their formation, drift slowly in a south-easterly or easterly direction, and usually enter Behar, and sometimes even drift over the whole of Bengal, filling up in their advance. They usually almost reverse the weather conditions in Bengal, giving heavily clouded skies, an increased night and diminished day temperature, a considerably increased humidity, and a diminished pressure, and when the disturbance is considerable general light rain is received. It is from this class of disturbances that practically the whole of the rainfall of December in Bengal is received but when such a disturbance disappears, the cold-weather conditions usually set in with increased intensity, and fine dry weather with unusually low temperature then obtains. The second class of disturbances are brought about by the formation of cyclonic storms in the Bay of Bengal, but usually in December such storms, if they form, are generated in the extreme south of the Bay, and it is very rarely that they are sufficiently intense to affect the weather in Bengal to any considerable extent.

The average rainfall in Bengal in December is therefore small in all districts. The normal fall in Orissa is equal to about six-tenths of an inch in East Bengal, it is equal to about four-tenths, and in Chutia Nagpur and South-West Bengal to about three-tenths while over the remainder of the province the fall is between one and two-tenths only.

Meteorology of the month.—The chief features in the meteorology of December have been—

1. Slight excess pressure over the greater part of the province, the excess being largest in the northern districts and comparatively small at the southern stations.
2. An almost normal average temperature over the whole province, though slight defects have been shown in South West and East Bengal, North Behar and Assam, and slight excess temperatures elsewhere.
3. Decided dryness of the air.
4. Cloud proportion considerably below the normal.
5. An almost complete absence of the two classes of disturbances noticed under the description of the normal meteorology of the month, and
6. An almost entire absence of rainfall over the whole province.

The weather conditions over the whole of Bengal during December have been extremely simple, and call for little or no comment. The normal north-east monsoon conditions have been present almost uninterruptedly throughout the month. A fairly strong and steady northerly wind current has blown over the province. Skies have been almost cloudless, humidity and temperatures have been low, and pressure has been high, and there have been no disturbances either over Upper India or in the Bay of Bengal to influence the weather conditions in Bengal. The only time during the month when the normal weather conditions were at all altered was during the existence of slight disturbance over the Central Provinces, which brought rain to that area on the 27th and 28th instant, and about this time also skies began to cloud over in Bengal. These slightly disturbed conditions in Bengal, which commenced from about the 25th of the month, may also have been connected with the formation of a diffused cyclonic storm in the Arabian Sea towards the end of the month, which disturbance subsequently influenced the weather on the west coast of India. The disturbed conditions in Bengal were, however, not sufficiently developed to do more than give one or two light showers at some of the western stations, and thus rainfall was practically absent from Bengal for the whole of the month.

Pressure.—The variations of pressure throughout the month have generally been small and of the usual oscillatory character noticeable during fine settled weather. Taking into consideration only those stations from which pressure records have been received for a series of years, and which therefore yield reliable averages, the mean pressure of the whole Province of Bengal for December has been 0.011 inch in excess of the normal. The excess has been most strongly marked in the northern districts, and at Durbhanga the excess has been 0.026 inch, and at Purneah 0.024 inch. On the other hand, at such stations as False Point and Saugor Island, the average pressure has been almost absolutely normal. In Assam the mean pressure for the month has been below the normal by small amounts, the defects at Dhubri and Silchar having equalled about 0.01 inch, while at Sibsagar pressure has been normal.

Temperature.—The mean temperature of the whole Province of Bengal during December has scarcely varied from the normal, the variation not amounting to more than a tenth of a degree. In Assam, on the other hand, temperature has been below the normal by seven-tenths of a degree. The oscillations of temperature during the month have also been of little importance, though at its commencement temperature was rather considerably above the normal, but the excess was soon neutralized, and for the last three weeks the average temperature was almost normal.

The general variation of temperature from the normal during the month is best shown by the following table, where the temperature data at nine typical stations in different districts in the province are given, the numbers shown being the weekly variations of the maximum, minimum and mean temperatures at each station from the normal values:—

Monthly variation table of temperature from the weekly comparison table during December 1887

	WEEK ENDING 2ND DECEMBER 1887			WEEK ENDING 9TH DECEMBER 1887			WEEK ENDING 16TH DECEMBER 1887			WEEK ENDING 23RD DECEMBER 1887			WEEK ENDING 30TH DECEMBER 1887		
	Variation of actual mean maximum temperature of week from normal mean	Variation of actual minimum temperature of week from normal mean	Variation of actual mean temperature of week from normal mean	Variation of actual mean maximum temperature of week from normal mean	Variation of actual minimum temperature of week from normal mean	Variation of actual mean temperature of week from normal mean	Variation of actual mean maximum temperature of week from normal mean	Variation of actual minimum temperature of week from normal mean	Variation of actual mean temperature of week from normal mean	Variation of actual mean maximum temperature of week from normal mean	Variation of actual minimum temperature of week from normal mean	Variation of actual mean temperature of week from normal mean	Variation of actual mean maximum temperature of week from normal mean	Variation of actual minimum temperature of week from normal mean	Variation of actual mean temperature of week from normal mean
Cuttack	+1.1	-1.8	-0.4	+1.2	-0.9	+0.7	-0.1	-1	0.9	-0.1	-1	1.8	-1.4	+1.4	-0.1
Calcutta (Sh. pur)	+0.7	+1	+1.2	+0.4	-2.0	-0.5	-0.5	0	0.7	+0.3	-0.3	0	-0.5	-3	+1.0
Dacca	+2.6	+1	+1.4	+1.5	0.1	0.3	+0.3	-2.3	-1.0	1.0	-1.1	1.3	0.1	+8	+0.4
Burdwan	+1.6	-0.5	+0.6	+1.0	-0.3	-0.1	+0.2	1	-0.7	+0.9	-0.8	+1.1	-1	1.1	0.5
Patna (L. & K. pur)	+1.8	+3.1	+4	+0.3	+2.0	1.1	+1.6	+7	+2.2	1.6	-0.4	1.6	1.4	+6	+1.0
Gya	+1.1	-0.1	+0.2	-1.9	-1.1	-1.0	+0.0	0.3	+0.2	-0.2	5	1.4	1	+0.1	+0.4
Purneah	1.0	-0.1	6	8	1.7	2.3	2.4	-1	1.7	-0.5	1.4	1.1	7	1	1.1
Hazareebagh	+0.1	+0	+1	1.0	+0.3	+0.1	+0.1	+1.2	+0.4	1.0	-1.3	1.1	-1	+0.7	0.1
Darjeeling	+1.1	+2.3	+3.0	+1.1	-1.7	+0.3	+1.0	-1.4	1.0	+0.4	+0.5	+0.4	1.8	-0.2	+0.4

The largest variations appear to have been in parts of Behar, where in the Patna and Shahid districts the mean temperatures for the month have been from 1° to 2° above the normal.

Rainfall.—As above stated, has been practically absent from the province throughout the whole month, but owing to the slightly disturbed conditions existing in the latter end of the month, one or two stations reported a few drops of rain, but the amounts were of no practical importance. The only reporting stations which have thus reported rain have been Dhurmalla in the Cuttack district and Midnapore.

The following table gives in a condensed form the summary of the rainfall information in Bengal for the whole year. It gives a comparison between the actual monthly and total rainfall of the year with the normal falls in each of the seven large meteorological divisions of Bengal, the actual falls being expressed as percentages of the normal amounts. From these figures, it will be seen that the falls for the year in Behar and North Bengal have been about equal to the normal, those in Chittagong and South West Bengal have been about 10 per cent. below the normal, and those in Orissa and East Bengal about 20 per cent. below it:—

Table showing the average district rainfall of 1887 compared with the normal and expressed as a percentage of that amount.

Meteorological Divisions	January	February	March	April	May	June	July	August	September	October	Year	Percentage of the normal fall for the period
Orissa	119	Nil	137	60	193	68	91	87	89	62	67	Nil
South West Bengal	292	2	253	96	134	82	103	76	83	74	63	Nil
East Bengal	413	14	201	94	71	79	80	71	69	77	19	Nil
North Bengal	570	4	273	114	158	138	61	97	84	101	Nil	Nil
North Behar	581	Nil	127	100	177	185	59	111	7	94	Nil	Nil
South Behar	411	Nil	113	183	43	70	47	83	79	94	Nil	Nil
Chittagong	500	Nil	10	111	331	73	91	90	71	42	Nil	Nil

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the province for the month of December 1887 :—

METEOROLOGICAL DIVISIONS	TEMPERATURE						RAINFALL.							
	Highest observed during month	Lowest observed during month	Averages for month			Average near of month above or below normal mean of month	Of month			Rainy days.			Since 15th May 1887.	
			Of highest of each day	Of lowest of each day	Of mean for each day.		Average.	Normal average	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	88.4	47.4	79.1	57.3	68.4	0	Nil	0.61	-0.61	Nil	12	-12	43.2	53.93
South-West Bengal	82.7	46.9	77.8	54.5	66.2	-0.3	Nil	0.27	-0.27	Nil	07	-07	46.71	51.83
East Bengal	85.4	47.5	77.8	54.2	66.0	-0.3	Nil	0.39	-0.39	Nil	09	-09	55.50	75.09
North Bengal	82.0	44.1	77.0	51.3	64.2	+0.5	Nil	0.18	-0.18	Nil	06	-06	73.60	69.63
North Behar	78.2	40.8	74.7	49.8	62.3	-0.3	Nil	0.15	-0.15	Nil	06	-06	52.07	47.89
South Behar	79.8	42.9	75.5	50.0	63.0	+0.7	Nil	0.19	-0.19	Nil	05	-05	41.85	43.52
Chutia Nagpur	75.5*	43.5*	72.4*	49.5*	61.0*	+0.4*	Nil	0.32	-0.32	Nil	08	-08	44.56	48.92
Assam	86.2	45.1	76.5	51.2	63.9	-0.7	Nil							

* Chyabasa not included.

METEOROLOGICAL OFFICE, BENGAL ;
The 10th January 1888.

ALEXANDER PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of December 1887.

	Inches.	Date.	Hour.
The mean pressure of the month	30.021		
The average pressure of December from 24 years' registers	30.027		
The highest pressure in the month	30.150	7th	10h.
The lowest pressure in the month	29.878	20th	16h.
The range of pressure	0.272		
The total number of hours of bright sunshine during the month	256.6		
The maximum possible number of hours of sunshine	332.8		
Θ			
The mean temperature of the month	64.7		
The average temperature of December from 24 years' registers	68.0		
The highest temperature in the month	78.8	1st	
The lowest temperature in the month	51.3	30th	
The range of temperature during the month	27.5		
The mean daily range of temperature	20.0		
The greatest range of temperature in one day	24.4	29th & 30th	
Per cent.			
The mean humidity of the month	69		
The average humidity of December from 24 years' registers	71		
Inches.			
The mean vapour tension of the month	0.410		
The average vapour tension of December from 9 years' registers	0.476		
The mean cloud proportion of the month	1.47		
The average cloud proportion of December from 10 years' registers	1.85		
Inches.			
The total rainfall of the month	Nil.		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	Nil.		
The average fall of December from 48 years' registers	0.23		
The greatest fall in 24 hours	Nil.		
Days.			
The number of rainy days in the month	Nil.		
The average number of rainy days in December from 24 years' registers	1		
Θ			
The mean maximum equilibrium temperature of solar radiation during the month	127.7		
The mean difference of sun and air temperatures	51.6		
The greatest sun temperature	132.5	3rd	
The greatest excess of sun over air temperature	58.2	27th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	45.1		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	11.0		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	13.5	21st	
Miles.			
The mean movement of the wind per day	58.0		
The greatest movement of the wind in one day	99.0	2nd	
The greatest movement of the wind in one hour	12.0	16th, 11 to noon.	
The number of hours with winds from each of the 8 points—			
N. 360, NE. 64, E. SE. S. SW. W 12, NW. 123, Calm 185.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2.3° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

Meteorological Report of the Province of Ben

METEOROLOGICAL DIVISION		STATION OBSERVATIONS														
DISTRICT	Representative station	WIND DIRECTION				WIND FORCE	TEMPERATURE						Mean maximum temperature of week	Mean minimum temperature of week	Mean daily temperature of week	Variation from normal mean of week
		Max	Min	Mean	Direction		Max	Min	Mean	Direction						
ORIGINAL	Poorbe	11	10	+01	SW	1	82	74	78	SE	78	61	70	+5.4		
	Cuttack	10	14	+4.4	NE	1	84	76	80	SE	78	61	69.7	+1.4		
	Balasore	11	18	+7	SW	1	87	74	80.5	SE	80.8	67	70.2	+3.2		
	South West Midnapore	11	11	0	NE	1	81	73	77	SE	78	61	69.3	+1.3		
	South 4 Prangmals	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
SOUTH-WEST BENGAL	Midnapore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	24 Pergunnah	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Howrah	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Hughly	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Burdwan	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Bankura	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Bachuboom	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	West Burdwan	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Morshadalai	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Nuddes	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
EAST BENGAL	Jessore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Khoolna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Chittagong	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Chittagong Hill Tracts	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Backergunge	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Noakhally	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Farrakpore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Dacca	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Comilla	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Mymensingh	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
NORTH BENGAL	Bogra	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Patna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Bajshulie	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Malda	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Dinapore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Rangpore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Jalpaiguri	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Goachulur	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Darjeling Hill Tracts	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Purneah	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
NORTH BENGAL	North Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Mozuffarpore	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Durrhanga	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Calcutta	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Serena	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Shalabad	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Gya	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Latna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Sothi	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	South Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
SOUTH BENGAL	South Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Shalabad	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Gya	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Latna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Sothi	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	South Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Shalabad	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Gya	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Latna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Sothi	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
SOUTH BENGAL	South Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Shalabad	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Gya	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Latna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Sothi	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	South Bengal	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Shalabad	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Gya	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Latna	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		
	Sothi	11	11	0	N	1	81	73	77	SE	78	61	69.3	+1.3		

Elevation—Summit.—The normal height of air pressure and temperature are the arithmetic average or means of the readings during the month.
The humidity—the amount of water vapor in the atmosphere, saturated air being represented by 100. A clear sky is denoted by 8 and an overcast sky by 9.
The number of hours of average of the rainfall in the district determined from the reports sent in by the subdivisions during the month.
Rainfall—the total precipitation in the district during the month divided by the number of stations. A rainy day is one on which at least .01 inch has fallen.

for the week ending Friday, the 6th of January 1888

DISTRICT OBSERVATIONS.															METEOROLOGICAL DIVISIONS.	
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing station.	OF WEEK.		RAINFALL.									Representative station.	DISTRICT.	
			Mean for district.	Normal mean.	Since 1st of December.			Since 15th May 1887.			Average number of rainy days.	Normal number of rainy days.				
					Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
78	31	Nil	—	—	—	—	—	—	—	—	—	—	—	—	Ganapore	SOUTH-WEST BENGAL.
88	23	Nil	Nil	0.01	Nil	0.95	-0.95	47.97	56.27	-12.30	0.0	0.1	0.1	False Point	Goroo	
61	6.0	Nil	Nil	0.03	Nil	0.71	-0.71	41.87	57.38	-7.51	0.0	0.1	0.1	Cuttack	Cuttack	
62	3.0	Nil	Nil	0.62	Nil	0.13	-0.13	41.84	53.81	-11.97	0.0	0.2	0.2	Belur	Belur	
64	1.6	Nil	Nil	0.06	Nil	0.13	-0.13	55.28	62.22	-3.94	0.0	0.1	0.1	Saugor Island	South-West Midnapore	
62	5.0	Nil	Nil	0.14	0.01	0.30	-0.30	50.17	51.28	-0.87	6.0	0.2	0.2	Midnapore	South-Midnapore	
59	8.3	Nil	Nil	0.11	Nil	0.12	-0.12	49.30	51.95	-1.15	0.0	0.2	0.2	Calcutta	Midnapore	
47	2.3	Nil	Nil	0.07	Nil	0.25	-0.25	42.94	46.44	-1.10	0.0	0.1	0.1	Bardwan	Midnapore	
65	7.3	Nil	0.01	0.01	0.01	0.25	-0.24	49.35	52.36	-2.71	0.2	0.1	0.1	Bardkora	Midnapore	
56	9.0	Nil	0.05	0.08	0.05	0.22	-0.17	47.61	52.08	-4.44	0.5	0.2	0.2	Ranagunge	Midnapore	
66	2.3	Nil	0.02	0.02	0.02	0.25	-0.21	48.33	49.45	-1.98	0.3	0.2	0.2	Bardkora	Midnapore	
47	7.9	Nil	Nil	0.11	Nil	0.16	-0.16	42.78	49.23	-6.45	0.0	0.0	0.0	Keshungha	Midnapore	
62	7.4	Nil	Nil	0.12	Nil	0.10	-0.10	41.50	53.39	-12.09	0.0	0.2	0.2	Isore	Midnapore	
74	1.1	Nil	Nil	0.06	Nil	0.51	-0.51	46.84	114.20	-18.17	0.0	0.2	0.2	Chitragong	Midnapore	
70	3.1	Nil	Nil	0.21	Nil	0.61	-0.61	59.32	77.88	-18.56	0.0	0.2	0.2	Bardkora	Midnapore	
62	3.4	Nil	Nil	0.25	Nil	1.07	-1.07	72.67	103.31	-30.64	0.0	0.1	0.1	Northdy	Midnapore	
67	3.3	Nil	Nil	0.10	Nil	0.79	-0.79	55.51	56.07	-2.16	0.0	0.2	0.2	Furukhpo	Midnapore	
67	4.7	Nil	Nil	0.00	Nil	0.27	-0.27	50.29	60.85	-10.57	0.4	0.2	0.2	Isore	Midnapore	
70	4.4	Nil	Nil	0.16	Nil	0.56	-0.56	42.01	71.05	-29.02	0.0	0.2	0.2	Chitragong	Midnapore	
79	6.6	Nil	Nil	0.09	Nil	0.12	-0.12	60.53	67.55	-6.81	0.0	0.2	0.2	Myndemah	Midnapore	
67	5.3	Nil	Nil	0.07	Nil	0.22	-0.22	60.18	50.90	+9.68	0.0	0.2	0.2	Isore	Midnapore	
72	6.4	Nil	Nil	0.06	Nil	0.24	-0.24	41.00	54.39	-13.39	0.0	0.2	0.2	Isore	Midnapore	
61	2.1	0.05	Nil	0.14	Nil	0.25	-0.25	40.57	54.77	-14.20	0.0	0.2	0.2	Bardkora	Midnapore	
61	3.0	Nil	Nil	0.06	Nil	0.19	-0.19	42.61	51.45	-9.84	0.0	0.1	0.1	Isore	Midnapore	
63	4.3	Nil	Nil	0.01	Nil	0.23	-0.23	63.06	52.76	+10.13	0.0	0.1	0.1	Dumra	Midnapore	
79	0.4	0.03	0.05	0.03	0.05	0.20	-0.15	80.05	77.57	+2.08	0.5	0.1	0.1	Ranagunge	Midnapore	
81	5.4	Nil	0.01	0.01	0.01	0.22	-0.21	117.13	110.19	+7.24	0.4	0.1	0.1	Jalpur	Midnapore	
85	6.6	0.14	0.05	0.05	0.05	0.40	-0.38	117.22	120.27	-3.05	0.5	0.2	0.2	Dumra	Midnapore	
70	3.9	Nil	Nil	0.05	Nil	0.17	-0.17	65.01	57.39	+7.45	0.0	0.1	0.1	Isore	Midnapore	
76	3.4	Nil	Nil	0.11	Nil	0.25	-0.25	40.50	42.70	+2.11	0.0	0.2	0.2	Isore	Midnapore	
50	4.3	Nil	Nil	0.01	Nil	0.22	-0.22	40.02	43.75	-3.77	0.0	0.2	0.2	Isore	Midnapore	
74	2.3	Nil	Nil	0.01	Nil	0.20	-0.20	40.58	45.59	-4.99	0.0	0.2	0.2	Isore	Midnapore	
62	7.1	Nil	Nil	0.01	Nil	0.20	-0.20	40.58	45.59	-4.99	0.0	0.2	0.2	Isore	Midnapore	
61	4.0	Nil	Nil	0.05	Nil	0.32	-0.32	37.45	37.72	-2.17	0.0	0.2	0.2	Isore	Midnapore	
64	5.4	0.02	Nil	0.05	Nil	0.31	-0.31	35.03	41.12	-5.09	1.0	0.2	0.2	Gya	Midnapore	
67	7.6	0.03	0.03	0.05	0.03	0.31	-0.25	35.03	41.12	-5.09	1.0	0.2	0.2	Gya	Midnapore	
67	7.7	0.01	0.04	0.06	0.04	0.22	-0.18	36.08	41.04	-4.96	0.5	0.2	0.2	Bardkora	Midnapore	
61	2.6	0.04	0.07	0.06	0.07	0.16	-0.09	43.60	42.63	+0.92	0.8	0.2	0.2	Isore	Midnapore	
61	5.0	0.05	0.04	0.07	0.04	0.20	-0.16	42.53	50.21	-7.68	0.7	0.1	0.1	Dumra	Midnapore	
60	10.0	0.01	0.10	0.05	0.10	0.37	-0.11	46.58	50.23	-3.65	0.3	0.2	0.2	Hazaribagh	Midnapore	
77	5.9	0.22	0.43	0.00	0.43	0.20	+0.14	41.77	45.90	-2.12	1.3	0.2	0.2	Ranch	Midnapore	
58	0.4	0.11	0.03	Nil	0.03	0.28	-0.25	49.68	50.53	-1.10	1.0	0.0	0.0	Chyabassa	Midnapore	

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Under the head District observations of rainfall the normal mean is the mean for the week ending Friday, the 6th of January 1888, and positive when greater.

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Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of January 1888.

Meteorological division.	District.	Station.	RAINFALL.					TOTAL.		Total rain-fall since 1st of December.	Average total rain-fall from 1st of December.	Total rain-fall since 15th May 1887.	Average rain-fall from 15th May 1887 to date.
			1st day of month 1887.	2nd day of month 1887.	3rd day of month 1887.	4th day of month 1887.	5th day of month 1887.	6th day of month 1887.	7th day of month 1887.				
NORTH-BENGAL	Pooree	Pooree								Nil	Nil	71.41	51.95
		Khandah								Nil	Nil	98.72	57.24
		Banpur								Nil	Nil	11.00	51.68
		Enab Point								Nil	Nil	0.85	54.00
		Pipla								Nil	Nil	28.34	51.00
	Cuttack	Ingatsingp								Nil	Nil	31.38	47.07
		Barka								Nil	Nil	41.90	52.44
		Cuttack								Nil	Nil	48.86	56.26
		Khandapara								Nil	Nil	54.30	50.61
		Pharmasalla								Nil	Nil	47.89	52.05
SOUTH-WEST BENGAL	Balasore	Chandab								Nil	Nil	50.11	51.00
		Bhadra								Nil	Nil	79.89	53.97
		Bhadra								Nil	Nil	4.76	51.85
		Balasore								Nil	Nil	38.3	52.40
		Balasore								Nil	Nil	48.77	58.07
	Midnapore	Midnapore								Nil	Nil	57.96	52.50
		Midnapore								Nil	Nil	41.33	55.04
		Midnapore								Nil	Nil	48.82	51.74
		Midnapore								Nil	Nil	70.12	56.44
		Midnapore								Nil	Nil	49.80	50.81
SOUTH-EAST BENGAL	24 Pergunnah	24 Pergunnah								Nil	Nil	50.2	51.19
		24 Pergunnah								Nil	Nil	51.77	51.19
		24 Pergunnah								Nil	Nil	51.77	51.19
		24 Pergunnah								Nil	Nil	51.77	51.19
		24 Pergunnah								Nil	Nil	51.77	51.19
	Howrah	Howrah								Nil	Nil	51.77	51.19
		Howrah								Nil	Nil	51.77	51.19
		Howrah								Nil	Nil	51.77	51.19
		Howrah								Nil	Nil	51.77	51.19
		Howrah								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Hooghly	Hooghly								Nil	Nil	51.77	51.19
		Hooghly								Nil	Nil	51.77	51.19
		Hooghly								Nil	Nil	51.77	51.19
		Hooghly								Nil	Nil	51.77	51.19
		Hooghly								Nil	Nil	51.77	51.19
	Burdwan	Burdwan								Nil	Nil	51.77	51.19
		Burdwan								Nil	Nil	51.77	51.19
		Burdwan								Nil	Nil	51.77	51.19
		Burdwan								Nil	Nil	51.77	51.19
		Burdwan								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Bankura	Bankura								Nil	Nil	51.77	51.19
		Bankura								Nil	Nil	51.77	51.19
		Bankura								Nil	Nil	51.77	51.19
		Bankura								Nil	Nil	51.77	51.19
		Bankura								Nil	Nil	51.77	51.19
	Bardhaman	Bardhaman								Nil	Nil	51.77	51.19
		Bardhaman								Nil	Nil	51.77	51.19
		Bardhaman								Nil	Nil	51.77	51.19
		Bardhaman								Nil	Nil	51.77	51.19
		Bardhaman								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Maddur	Maddur								Nil	Nil	51.77	51.19
		Maddur								Nil	Nil	51.77	51.19
		Maddur								Nil	Nil	51.77	51.19
		Maddur								Nil	Nil	51.77	51.19
		Maddur								Nil	Nil	51.77	51.19
	Khowda	Khowda								Nil	Nil	51.77	51.19
		Khowda								Nil	Nil	51.77	51.19
		Khowda								Nil	Nil	51.77	51.19
		Khowda								Nil	Nil	51.77	51.19
		Khowda								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Jansore	Jansore								Nil	Nil	51.77	51.19
		Jansore								Nil	Nil	51.77	51.19
		Jansore								Nil	Nil	51.77	51.19
		Jansore								Nil	Nil	51.77	51.19
		Jansore								Nil	Nil	51.77	51.19
	Morphedabad	Morphedabad								Nil	Nil	51.77	51.19
		Morphedabad								Nil	Nil	51.77	51.19
		Morphedabad								Nil	Nil	51.77	51.19
		Morphedabad								Nil	Nil	51.77	51.19
		Morphedabad								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Chittagong	Chittagong								Nil	Nil	51.77	51.19
		Chittagong								Nil	Nil	51.77	51.19
		Chittagong								Nil	Nil	51.77	51.19
		Chittagong								Nil	Nil	51.77	51.19
		Chittagong								Nil	Nil	51.77	51.19
	Chittagong Hill Tracts	Chittagong Hill Tracts								Nil	Nil	51.77	51.19
		Chittagong Hill Tracts								Nil	Nil	51.77	51.19
		Chittagong Hill Tracts								Nil	Nil	51.77	51.19
		Chittagong Hill Tracts								Nil	Nil	51.77	51.19
		Chittagong Hill Tracts								Nil	Nil	51.77	51.19
SOUTH-EAST BENGAL	Bakergunge	Bakergunge								Nil	Nil	51.77	51.19
		Bakergunge								Nil	Nil	51.77	51.19
		Bakergunge								Nil	Nil	51.77	51.19
		Bakergunge								Nil	Nil	51.77	51.19
		Bakergunge								Nil	Nil	51.77	51.19
	Bhola	Bhola								Nil	Nil	51.77	51.19
		Bhola								Nil	Nil	51.77	51.19
		Bhola								Nil	Nil	51.77	51.19
		Bhola								Nil	Nil	51.77	51.19
		Bhola								Nil	Nil	51.77	51.19

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of January 1888—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of December.	Average total rainfall from 1st of December.	Total rainfall since 16th May 1887.	Average rainfall from 16th May 1887 to date.
			Saturday, 31st December 1887.	Sunday, 1st January 1888.	Monday, 2nd January.	Tuesday, 3rd January.	Wednesday, 4th January.	Thursday, 5th January.	Friday, 6th January.	Number of rainy days.	Of rainfall week.				
EAST BENGAL—non-aid.	Gournad.	Gournad ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	40'32	?
		Bauphal ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	61'09	?
		Noakhali ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'79	72'14	108'33	?
		Fenny ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1'34	73'48	108'10	?
	Fenny.	Harishpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	73'43	?	?
		Ramganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	60'03	?	?
		Maanripore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'29	54'30	56'38	?
		Furzedpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'19	37'32	56'38	?
	Dacca.	Golundo ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'24	35'50	56'38	?
		Munshingunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'47	30'21	71'75	?
		Dacca ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'29	45'15	80'33	?
		Narainkunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'51	41'01	61'33	?
	Hill Tipperah.	Manickkunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'21	31'35	50'97	?
		Joydebpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	50'87	?	?
		Agartola ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'58	42'31	62'32	?
		Comilla ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'61	44'15	77'30	?
	Mymensingh.	Chandpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'63	37'32	81'08	?
		Brahmunberia ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'45	30'59	62'09	?
		Ramchandrapore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	37'08	?	?
		Nasirnagar ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	30'14	?	?
	Pubna.	Bandkandi ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	36'15	?	?
		Kasba ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	42'46	?	?
		Laksham ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	30'31	?	?
		Kishorekunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'48	57'88	80'94	?
	Mogra.	Atia (Tangail) ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'14	30'34	85'36	?
		Mymensingh ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'25	68'70	73'98	?
		Jamalpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'38	62'51	61'45	?
		Netrokona ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'28	73'62	72'37	?
	Pubna.	Subornakhally ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	51'74	?	?
		Durgapore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	115'01	?	?
		Dewanganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	70'35	?	?
		Pubna ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'21	37'71	54'40	?
EAST BENGAL—aid.	Mogra.	Sherpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'18	50'25	53'67	?
		Nowkhilla ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'23	47'82	58'78	?
		Bokra ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'18	59'25	53'96	?
		Panchibibi ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'25	66'84	69'93	?
	Mal-tahye.	Benaulah ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'21	68'01	54'38	?
		Natore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'22	81'96	59'67	?
		Nagaon ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'27	47'10	54'92	?
		Lalpor ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	63'32	?	?
	Maidab.	Monda ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	31'09	?	?
		Maidab ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	62'62	?	?
		Chanchal ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'24	49'61	51'38	?
		Gajol ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'14	43'44	67'51	?
	Dinapore.	Sibganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	52'82	?	?
		Mohadebpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'22	62'07	57'45	?
		Churamon ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'20	58'47	52'44	?
		Kaigunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'18	73'29	60'17	?
	Mukhopadhyay.	Dinapore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'14	60'14	68'08	?
		Baloorghat ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'43	61'28	60'97	?
		Bhawanikunge (Gyabanda) ...	0'13	1	0'13	0'13	0'13	0'13	0'13	0'13	0'13	0'25	47'06	61'06	?
		Kurupore ...	0'08	1	0'08	0'08	0'08	0'08	0'08	0'08	0'08	0'12	80'42	73'76	?
	Jalpigore.	Kurigram ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'19	54'14	73'77	?
		Bakdora ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'22	100'34	82'85	?
		(Niphamari) ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	61'40	?	?
		Ulupore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	61'40	?	?
	Gureh Bahar.	Jalpigore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'14	124'71	118'04	?
		Al-pore Doar ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	138'80	?	?
		Falacotta ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	142'14	?	?
		Debiganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	96'07	?	?
EAST BENGAL—aid.	Darjeeling Hill.	Dumaila ...	0'03	1	0'03	0'03	0'03	0'03	0'03	0'03	0'03	0'31	101'20	84'20	?
		Couch Bahar ...	0'02	1	0'02	0'02	0'02	0'02	0'02	0'02	0'02	0'13	122'24	117'80	?
		Micklingunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'28	122'05	106'09	?
		Matabhanga ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'16	110'93	110'08	?
	Buxa.	Buxa ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'58	106'72	101'33	?
		Silliguri ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'17	107'51	101'22	?
		Darjeeling ...	0'14	1	0'14	0'14	0'14	0'14	0'14	0'14	0'14	0'38	114'36	109'46	?
		Kalimpong ...	0'06	1	0'06	0'06	0'06	0'06	0'06	0'06	0'06	0'62	80'30	79'08	?
	Pardub.	Kissengunge ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'21	84'39	68'85	?
		Arrareah ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'14	60'58	63'04	?
		Purneah ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'22	66'28	60'03	?
		Gondwara ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	?	?
	North Bhagulpore.	Balarampore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	66'06	?	?
		Mariari ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	81'18	?	?
		Kaliaganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	79'11	?	?
		Madaspore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'10	53'83	48'87	?
	Durbhanga.	Boopool ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'17	54'10	47'20	?
		Protadganj ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	60'11	?	?
		Tajpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'24	44'40	48'44	?
		Duruhunga ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'20	52'27	44'39	?
	Mowdarpore.	Madhubani ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'33	53'10	43'08	?
		Bahera ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	51'94	?	?
		Rohara ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	40'08	?	?
		Sitamarhi ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'20	60'34	4'53	?
	Chumpra.	Mosufarpore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'20	43'16	6'00	?
		Hajipore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'18	37'22	51'74	?
		Pore ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	41'14	?	?
		Mohes ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	85'41	?	?
EAST BENGAL—aid.	Chumpra.	Banker ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	44'01	?	?
		Papri ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	40'08	?	?
		Motbari ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'22	59'45	43'11	?
		Battiah ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0'30	59'30	48'09	?
EAST BENGAL—aid.	Chumpra.	Sagaha ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	59'16	?	?
		Barhara ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	55'01	?	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of January 1888. - *concluded*

Meteorological Division.	District.	Station.	Rainfall.					Total.		Total rain (in inch) 1st of December to 6th of January.	Average total rain (in inch) for 1887.	Total rain (in inch) for 1887.	Average total rain (in inch) for 1887.
			1st of December 1887.	1st of January 1888.	2nd of January.	3rd of January.	4th of January.	5th of January.	6th of January.				
NORTH BEHAR - <i>concluded</i>	Gorakhpur	Gopalgunge								Nil	Nil	Nil	0.1
		Chaurah								Nil	Nil	Nil	0.0
SOUTH BEHAR	Shahabad	Buxar								Nil	Nil	Nil	0.0
		Dumrae								Nil	Nil	Nil	0.0
		Bhutanat								Nil	Nil	Nil	0.0
		Buxarain								Nil	Nil	Nil	0.0
		Atari								Nil	Nil	Nil	0.0
		Mohania								Nil	Nil	Nil	0.0
										Nil	Nil	Nil	0.0
	Jaunpur	Aurangabad								Nil	Nil	Nil	0.0
		Gaya								Nil	Nil	Nil	0.0
		Nowadaha								Nil	Nil	Nil	0.0
		Chhatmand								Nil	Nil	Nil	0.0
		Aizul								Nil	Nil	Nil	0.0
		Daudnagar								Nil	Nil	Nil	0.0
		Sherrghati								Nil	Nil	Nil	0.0
	Patna	Patna								Nil	Nil	Nil	0.0
		Dumrae								Nil	Nil	Nil	0.0
		Behar								Nil	Nil	Nil	0.0
CENTRAL BEHAR	Buxar	Buxar								Nil	Nil	Nil	0.0
		Buxar								Nil	Nil	Nil	0.0
		Buxar								Nil	Nil	Nil	0.0
	Muzaffarpur	Bokrosari								Nil	Nil	Nil	0.0
		Monkhyr								Nil	Nil	Nil	0.0
		Jamui								Nil	Nil	Nil	0.0
	South Hargul-pore	Sheikhpura								Nil	Nil	Nil	0.0
		Sheikhpura								Nil	Nil	Nil	0.0
		Sheikhpura								Nil	Nil	Nil	0.0
	Sonthal Pergumaha	Rajmehai								Nil	Nil	Nil	0.0
		Gedda								Nil	Nil	Nil	0.0
		Lakur								Nil	Nil	Nil	0.0
CENTRAL BEHAR	Sonthal Pergumaha	Nya Dookma								Nil	Nil	Nil	0.0
		Deokhar								Nil	Nil	Nil	0.0
		Jamui								Nil	Nil	Nil	0.0
	Hazratbagi	Patna								Nil	Nil	Nil	0.0
		Patna								Nil	Nil	Nil	0.0
		Patna								Nil	Nil	Nil	0.0
	Loharagga	Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0
	Loharagga	Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0
	Loharagga	Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0
		Loharagga								Nil	Nil	Nil	0.0

Explanation: Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 10th January 1888.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 6TH OF JANUARY 1888.

TOWARDS the middle of the previous week conditions had become slightly disturbed in Bengal, but after a few days' cloudy weather, the skies had cleared rather rapidly, and ordinary settled north-east monsoon weather obtained. At the commencement of the present week, however, skies again began to cloud over in Bengal, and particularly at the Chutia Nagpur stations and at some in South-West Bengal the sky became almost overcast. There do not appear to have been any particularly abnormal conditions over Bengal or over Upper India to account for this disturbed condition of the weather in Bengal, and, so far as can be seen, the altered conditions must have been brought about by the gradual formation of a diffused barometric depression or cyclonic storm off the Bombay Coast, which reached Bombay about the 5th instant. Practically for the whole of the week under review the normal north-east monsoon conditions in Bengal have been either partially or in a few instances almost wholly thus reversed. In Chutia Nagpur the sky has been overcast for nearly the whole of the week, while over the greater part of the province the skies have been heavily clouded. The northerly wind current fell off in force, and light and rather variable winds have been reported. The pressure variations have been rather larger than usual and somewhat irregular, and on the whole pressure has been unusually high. The night temperatures also rose very considerably, and became considerably above the normal, though the day temperatures were still low. Humidity also increased considerably. Light rain has also been reported at many stations in Chutia Nagpur, and in some cases on two and three days, while light rain showers have also been received in South-West Bengal, North Bengal, and South Behar. The weather conditions in Bengal, therefore, have been more or less disturbed throughout the week.

Pressure.—As has been already stated, the variations of pressure during the week have been rather large. Up till the 1st instant the variations do not call for notice, but on the 2nd instant there was a rather rapid general rise amounting to nearly a twentieth of an inch, this was succeeded by a moderate fall on the 3rd, and on the 4th a sharp increase took place generally exceeding 0.06 inch, but on the 5th and 6th the changes were smaller and rather irregular. For the whole week, taking into consideration only those stations which have submitted observations for a series of years, and which therefore yield reliable averages, the mean pressure of the province has been 0.072 inch in excess of the normal. At some of the central stations, such as Berhampore, an average excess pressure of no less than a tenth of an inch has been reported. Some of the actual pressures recorded during the week have been exceptionally high, particularly during the last three days of the week.

Temperature.—The mean temperature of the week in nearly all districts has been largely in excess of the normal. For the whole province the excess has been 2°, but in Orissa it has been no less than 4°. As stated in the general summary, the day temperatures have remained rather low, while the increase has taken place almost entirely in the night or minimum temperatures, and at most stations the day temperatures have been below the normal, while the minimum temperatures have been largely in excess. This is shown in the following table, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are given, and compared with the normal for the same period. It will be seen that the average of the maximum or day temperatures at these nine stations was 0.09° in defect of the normal, while the average of the night or minimum temperatures has been no less than 3.3° in excess of the normal.

Rainfall.—Has been entirely absent throughout the week in Orissa, East Bengal and North Behar, in South-West Bengal a few showers fell on the 5th and 6th in the Moorshada bad district, and at two or three other stations, such as Raneeunge, Khuria and Beerbhoom Sorry; in North Bengal a few light showers fell in the Cooch Behar, Dujeehing and Rungpoie districts, and in South Behar light rain showers were received in the following districts—Gya, Patua, Monghyr, South Bhagulpore and Sonthal Pergunnahs. The most general rainfall was received in Chutia Nagpur, where the majority of stations reported rain, in some cases commencing from the 4th instant. In this division the average fall has equalled 0.26 inch, but in all other divisions the falls have been so small that they have averaged only a few hundredths of an inch.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 6th January 1888

	Normal mean maximum temperature for the week ending 6th January 1888	Actual mean maximum temperature for the week ending 6th January 1888	Excess or defect of the actual from the normal mean	Normal mean minimum temperature for the week ending 6th January 1888	Actual mean minimum temperature for the week ending 6th January 1888	Excess or defect of the actual from the normal mean	Normal mean daily temperature for the week ending 6th January 1888	Actual mean daily temperature for the week ending 6th January 1888	Excess or defect of the actual from the normal mean
Outback	83.3	83.7	+0.4	59.0	60.1	+1.1	71.1	74.6	+3.5
Calcutta (Alipore)	75.7	75.0	-0.7	54.9	59.1	+4.2	67.5	67.1	-0.4
Dacca	77.2	76.5	-0.7	54.8	59.0	+4.2	68.0	65.7	-2.3
Hardwan	70.7	70.7	0	54.1	58.0	+3.9	63.4	67.4	+4.0
Patna (Bankipore)	72.7	70.7	-2.0	49.1	52.0	+2.9	60.0	61.7	+1.7
Gya	71.4	73.0	+1.6	51.3	54.0	+2.7	61.0	64.0	+3.0
Barnah	74.9	71.3	-3.6	47.8	45.7	-2.1	61.5	61.0	-0.5
Buxaribagh	72.9	69.7	-3.2	49.8	50.1	+0.3	61.1	62.4	+1.3
Dujeehing	41.7	44.5	+2.8	34.6	34.8	+0.2	30.7	30.6	-0.1

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 6th of January 1888:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average temp. of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of December.		Since 15th May 1887.	
			of highest of each day.	of lowest of each day.	of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
ORISSA	87.4	53.5	80.4	63.9	72.1	+4.0	Nil	0.05	-0.05	0.0	0.2	-0.2	Nil	0.06	43.42	53.98
South-West Bengal	82.3	46.9	76.1	58.7	67.4	+2.3	0.01	0.10	-0.09	0.1	0.2	-0.1	0.01	0.34	46.72	51.90
East Bengal	81.6	48.0	76.1	64.3	65.2	+1.6	Nil	0.13	-0.13	0.0	0.2	-0.2	Nil	0.52	55.50	74.23
North Bengal	77.2	44.3	74.6	51.8	63.2	+2.0	0.01	0.04	-0.03	0.2	0.1	+0.1	0.01	0.21	73.61	68.66
North Behar	74.5	41.2	71.6	49.0	60.3	0	Nil	0.07	-0.07	0.0	0.1	-0.1	Nil	0.21	52.07	47.96
South Behar	76.5	43.9	72.2	53.4	62.8	+2.2	0.04	0.05	-0.01	0.6	0.1	+0.5	0.04	0.22	41.89	43.56
Cooch Nagpur	74.1*	52.9*	69.7*	55.3*	62.5*	+1.8*	0.26	0.05	+0.21	1.0	0.2	+0.8	0.25	0.84	44.82	48.96

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

ALEXANDER PEDLER,

The 10th January 1888.

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 1st to 7th January 1888.

Month	Date	Maximum in sun	Number of hours of bright sunshine	Mean pressure barometer at 82 Fahr	TEMPERATURE				HYGROMETRY				WIND		Miles recorded	Rain	WEATHER
					Mean	Maximum	Range	Minimum	Mean wet bulb	Vapour tension	Dew point	Humidity	Prevailing direction				
1888		O		Inches	O	O	O	O	O	Inches	O	%			Inches		
Jan	1st	128.5	1.3	30.056	67.2	76.3	16.7	59.6	60.0	0.440	55.1	68	W by S and NNW	37	Nil	Chiefly cloudy	
	2nd	127.0	1.1	071	67.1	73.8	10.9	62.9	60.7	448	55.8	68	NNE and calm	37		Chiefly	
"	3rd	101.1	Nil	082	64.5	71.8	13.7	55.1	59.4	441	55.4	73	NNW and N	16		Chiefly	
"	4th	120.7	0.2	130	66.4	73.5	12.1	61.1	61.1	418	57.0	73	N and calm	16		Chiefly	
"	5th	126.5	6.2	135	68.5	77.8	16.0	61.8	62.0	473	57.4	69	N and ENE	46		Chiefly cloudy	
"	6th	122.3	3.3	110	67.7	76.7	11.4	62.3	61.2	457	56.4	68	N and N by W	70		Chiefly cloudy	
"	7th	127.7	9.5	134	66.1	75.0	16.3	59.2	59.4	421	51.2	67	N by W and NNW	79		Chiefly clear	

The mean pressure of the seven days ... 30.107

The average pressure of the corresponding period for 24 years, S. G.'s Office ... 30.024

The total number of hours of bright sunshine ... 21.6

The maximum possible number of hours of sunshine ... 75.3

The mean temperature of the seven days ... 66.8

The average temperature of the corresponding period for 24 years, S. G.'s Office ... 67.1

The extreme variation of temperature ... 19.7

The maximum temperature ... 77.8

The highest velocity of the wind in one hour ... 8

The highest pressure of wind on one square foot Not measurable

The mean relative humidity ... 61

The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 71

The total fall of rain from 1st to 7th January 1888 ... Nil.

The average fall of the corresponding period for 24 years, S. G.'s Office ... 0.01

The total fall from 1st to 7th January 1888 ... Nil

The average fall of the corresponding period for 24 years, S. G.'s Office ... 0.01

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain gauge is one foot above the ground.

o overcast, g gloomy, d dew.

JOHN HILLIOT,

Offg Meteorological Reporter to the Govt of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,
Calcutta, the 9th January 1888

Abstract of the Results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of December 1887.

			☉	Date.
The mean temperature during the month	...	...	65.0	
The highest temperature during the month	...	...	81.2	3rd
The lowest temperature during the month	..	...	51.0	30th
The range of temperature during the month	...	...	30.2	
The mean daily range of temperature during the month	...	...	23.1	
The greatest range of temperature in one day during the month	...	...	36.9	30th
			%	
The mean humidity during the month	...	...	66	
			Inches	
The mean vapour tension during the month	...	...	426	
The total rainfall of the month	..	...	Nil.	
The greatest fall in 24 hours	.	...	Nil	
The number of rainy days in the month	..	..	Nil	

JOHN ELIOT.

Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 9th January 1888.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 1st to 7th January 1888

MONTH	Date	TEMPERATURE				Mean wet bulb	HYGROMETRY			
		Mean	Maximum	Range	Minimum		Vapour tension	Dew point	Humidity	Rain
1888		°	°		°	°	Inches	°	%	Inches.
January	1st	68.0	77.1	17.1	59.4	61.4	47.8	56.5	67	Nil.
"	2nd	67.3	71.9	12.2	62.4	61.0	45.1	56.2	64	"
"	3rd	64.7	72.9	12.2	57.7	59.8	44.3	55.7	73	"
"	4th	66.5	71.9	11.6	60.3	60.9	46.2	56.7	71	"
"	5th	70.3	79.9	18.5	61.4	63.2	48.7	58.2	66	"
"	6th	68.0	76.9	14.8	62.1	61.5	46.1	56.7	67	"
"	7th	66.6	77.9	20.8	57.1	59.5	41.6	56.8	64	"

The mean temperature of the seven days ... 67.3
 The extreme variation of temperature ... 22.8
 The maximum temperature ... 79.9

The mean relative humidity ... 68

The total fall of rain from 1st to 7th January 1888 ... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,
The 9th January 1888.

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

During the week ending 17th December 1887, births and deaths were recorded in the principal Municipalities in Bengal at the rates, respectively, of 46.6 and 36.5 per 1,000 of population, against 25.9 and 33.4 per 1,000 during the preceding week ending 10th December, showing a large increase in the registration of deaths.

2. The highest proportions of births and deaths were furnished by the following Municipalities:—

Births.			Deaths.		
		Ratio per mille			Ratio per mille
Narainganj	..	49.7	Suburbs of Calcutta	..	68.5
Utterpara	...	47.2	Utterpara	..	66.1
Serampore	..	47.1	Purneah	..	62.2
Arrah	..	46.7	Serampore	..	60.9
Monghyr	...	41.3	Durbhanga	..	59.8
Beaulah	...	39.4	Beaulah	..	56.2
Durbhanga	..	38.5	Kishnagar	..	51.2
Puri	..	35.6	Hughli	..	51.0
Gya	..	33.5	Puri	..	44.1
Kishnagar	..	32.2	Comillah	..	38.5
Hughli	..	30.9	Gya	..	37.6
Comillah	..	30.8	Narainganj	..	37.2
Bhagulpore	..	29.9	Bhagulpore	..	34.4

3. The principal death-causes, specified in the appended table, proved fatal at the rates exhibited below:—

			Ratio per mille during the weeks ending—	
			17th Dec. 1887	10th Dec. 1887
Cholera	...	..	5.5	4.2
Small pox	..	..	0.3	3
Fever	..	..	15.6	13.1
Bowel complaints	..	..	6.0	5.5
Injury	...	..	4	4
Other causes	..	..	8.9	9.9

indicating that, in comparison with the preceding week, there was a noticeable increase of mortality from cholera and fever with a sensible decline in that from the diseases coming under the head of "Other causes."

4. While no Municipality suffered much from small-pox or presented a large number of casualties from injury, the following returned conspicuously high death-rates from the other diseases specified in the above table:—

Cholera	Fever	Bowel complaints	Other causes.
Ratio per mille	Ratio per mille	Ratio per mille	Ratio per mille
Durbhanga 26.8	Kishnagar 49.2	Utterpara 47.2	Comillah 23.1
Suburbs of Calcutta 15.3	Purneah 44.5	Serampore 19.6	Narainganj 20.7
Howrah 4.6	Beaulah 47.3	Hughli 13.1	Suburbs of Calcutta 18.0
Patna 3.6	Hughli 31.9	Suburbs of Calcutta 11.6	Gya 17.1
Bhagulpore 3.6	Serampore 23.5	Durbhanga 11.0	Puri 16.8
	Suburbs of Calcutta 23.2	Mianapore 10.8	Serampore 15.7
	Burdwan 22.9		
	Puri 21.0		

5. Distributed under the heads of *Sex*, *Class* and *Age*, the mortality of the week under review stood as follows:—

According to Sex.			According to Class.			According to Age.		
	Ratio per mille			Ratio per mille			Ratio per mille	
Males	.. 35.8	Christians	...	17.4	Under 1 year	..	259.0	
Females	.. 87.3	Hindus	..	35.9	1 and under 5 years	..	19.8	
Ratio of male deaths to every 100 female deaths	.. 109	Mahomedans	..	38.9	5 " 10 "	..	24.2	
		Budhists	..	21.2	10 " 15 "	..	16.7	
					15 " 20 "	..	21.1	
					20 " 30 "	..	20.7	
					30 " 40 "	..	26.0	
					40 " 50 "	..	31.1	
					50 " 60 "	..	35.2	
					60 years and upwards	..	87.9	

R. LIDDERDALE, M.D., Deputy Surgeon-General,

The 6th January 1888.

Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending 17th December 1887.

DISTRICTS.	NAMES OF MUNICIPAL PALATIES.	POPULATION.			BIRTHS.			MORTALITY ACCORDING TO—										SEX.		Ratio of male deaths to every 100 female deaths.				
		Males.	Females.	Total.	NUMBER OF—	Ratio per 1,000 of population per annum.	Ratio of male births to every 100 female births.	DEATHS FROM—					RATIO PER 1,000 OF POPULATION PER ANNUM.					Males.	Females.					
								Cholera.	Small-pox.	Fever.	Howel-complaints.	Injury.	Other diseases.	All causes.	Cholera.	Small-pox.	Fever.				Howel-complaints.	Injury.	Other diseases.	All causes.
1	2	3	4	5	6	7	8	9	10	11	12													
Burdwan	Burdwan	18,063	16,017	34,080	5	10	7.6	7.6	15.2	100	15	1	1	1	1	21.4	7	2	20.2	20.2	77			
Midnapore	Midnapore	6,427	10,238	16,665	5	7	7.7	3.1	1.8	230	1	1	7	4	13	6.2	8	5	24.6	18.3	169			
Hughli	Hughli and Chinsurah	13,179	10,530	23,709	11	12	14.8	16.1	30.9	91	26	10	1	1	38	13.1	15	23	47.7	61.2	68			
Serampore	Serampore	13,559	12,937	26,496	10	14	19.6	27.5	47.1	71	12	10	1	8	31	15.7	14	17	53.3	63.3	65			
Howrah	Howrah	5,045	2,464	7,509	1	4	3.4	37.8	47.2	25	1	5	1	1	7	9.4	3	4	51.2	84.4	75			
Howrah	Howrah	52,153	37,000	89,153	24	20	13.7	11.4	25.2	120	15	7	2	17	49	8.4	35	14	34.3	19.3	230			
Howrah	Howrah	7,898	6,979	14,877	2	5	7.0	17.5	24.3	40	2	1	1	2	5	7.0	4	1	23.5	7.5	470			
24-Pargunnas	Suburbs of Calcutta	147,805	104,231	252,036	77	61	17.8	15.9	12.6	25.5	112	56	2	87	331	13.3	173	139	61.1	75.8	109			
Howrah	Howrah	13,253	14,214	27,467	8	9	17.1	17.0	32.2	68	26	1	1	1	27	13.9	1	1	12.0	11.2	107			
Howrah	Howrah	4,028	4,655	8,683	1	1	6.0	6.0	No female births.	1	1	1	1	2	13	1.7	1	1	15.0	24.0	68			
Howrah	Howrah	18,708	15,979	34,687	8	5	13.1	8.7	22.8	100	1	1	1	2	13	1.7	1	1	15.0	24.0	68			
Howrah	Howrah	4,890	3,665	8,555	1	1	6.1	6.1	No male births.	1	1	1	1	2	13	1.7	1	1	15.0	24.0	68			
Howrah	Howrah	10,766	9,025	19,791	6	9	15.8	23.6	39.4	66	18	1	1	2	21	1.7	10	11	45.3	63.4	90			
Howrah	Howrah	5,026	2,947	7,973	1	1	6.5	6.5	No female births.	1	1	1	1	1	3	1.7	2	2	29.3	35.2	100			
Howrah	Howrah	42,782	37,379	80,161	13	6	19.8	8.4	3.9	123	11	1	1	5	21	1.3	10	10	13.3	13.9	110			
Howrah	Howrah	7,005	4,036	11,041	6	6	12.4	24.8	19.7	100	2	1	1	5	9	4.1	4	5	27.4	32.3	89			
Howrah	Howrah	13,340	8,790	22,130	3	2	5.7	4.7	11.7	150	4	1	1	6	10	1.7	4	6	25.5	53.2	65			
Howrah	Howrah	8,153	5,523	13,676	5	3	19.2	11.3	39.8	168	26	12	1	19	69	3.6	4	3	21.1	23.6	86			
Howrah	Howrah	78,762	51,475	130,237	31	22	16.0	10.4	29.4	96	25	5	1	21	53	1.7	32	27	35.0	37.1	103			
Howrah	Howrah	58,950	37,531	96,481	21	23	14.3	19.2	35.5	75	25	5	1	21	53	1.7	28	27	35.0	37.1	103			
Howrah	Howrah	20,960	22,505	43,465	29	19	23.2	22.7	46.7	105	6	2	1	5	14	1.7	9	6	23.3	11.6	180			
Howrah	Howrah	22,084	19,654	41,738	5	1	6.1	1.2	7.3	500	2	1	1	6	9	1.7	2	7	4.5	15.5	23			
Howrah	Howrah	33,774	32,222	65,996	24	25	19.9	19.6	35.5	86	21	11	1	6	73	2.5	41	55	63.1	56.3	117			
Howrah	Howrah	26,044	27,205	53,249	13	6	12.7	5.8	15.6	216	4	4	1	1	9	1.7	6	3	12.0	5.7	200			
Howrah	Howrah	29,640	27,813	57,453	18	15	16.2	13.6	29.9	120	26	3	1	19	28	3.6	29	9	20.9	16.8	322			
Howrah	Howrah	28,154	29,368	57,522	24	25	19.7	22.6	41.3	96	7	9	1	3	15	1.7	11	11	11.9	19.3	73			
Howrah	Howrah	8,483	6,533	15,016	2	2	6.9	6.9	No female births.	1	14	2	1	1	18	3.4	10	8	61.4	63.5	125			
Howrah	Howrah	13,247	11,537	24,784	6	11	12.6	23.0	35.6	84	10	2	1	5	21	2.1	10	11	30.3	43.6	90			
Total	Total	707,890	619,651	1,327,541	326	276	13.8	20.6	107	139	1	596	154	297	929	5.5	445	444	32.9	37.3	109			

A special Census of the Europeans in the Darjiling Municipality was recently taken, as are given in this section of the comparative table, taken in February 1891, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives in the Darjiling Municipality was also taken, as are given in this section of the comparative table, taken in February 1891, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives in the Darjiling Municipality was also taken, as are given in this section of the comparative table, taken in February 1891, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives in the Darjiling Municipality was also taken, as are given in this section of the comparative table, taken in February 1891, was not reliable owing to the Europeans being at a minimum in that month. 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* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives in the above table is based on the census of 1881. The census of the Europeans in the above table is based on the census of 1881. The census of the Europeans in the above table is based on the census of 1881.

[illegible]

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1887-88

Areas leased for Irrigation up to end of November 1887.

CIRCLE	DISTRICT	CANAL	Estimated full charge	Acreage dis. charge in month	C ft	C ft	Discharge utilized	Approximate area of land irrigated during the year up to the end of the month	Approximate area of land irrigated during the year up to the end of the date last year	DETAILS OF AREAS LEASED						RAINFALL		REMARKS	
										Five years all crops	Five years kharif	ANNUAL LEASES			Grand Total	During month	Up to end of month		
												Kharif	Rabi	Sugar cane			Bhad		Heater	During month	Up to end of month
ORISSA	Cuttack	Taldunda, 1st	1,342	423	11	136	4,874	4,349	5,400	55	82	107	5,967	1.02	51.51	81.7			
		Taldunda, 2nd	866							21,611	9	8	17	21,609	1.46	47.45	51.75		
		Wachgong	776	267	63.04	137	36,686	46,363	46,363	27	19	469	4,573	1.00	47.3	51.75			
		Kendrapara	1,239	213	26.70	11.92	662	8,273	8,273	765	9		774	1.00	47.3	51.75			
		Gobri	372.85	133	133	133	133	14,449	14,449	14	14	9	844	1.00	47.3	51.75			
	Balsore	Patnamoondi	1,042	67	113	113	13,611	710	710	710	34	92	109	7,632	0.16	49.72	60.64		
		Range I Level	673																
		Range II Level	727.16																
		Range III Level	727.16	34.87	34.87	34.87	5,942	7,532	7,532	8									
		Total								90,611	45	171	71	100,382					
SOUTH-WESTERN	Midnapore	Total of the corresponding period of last year.							90,611	45	171	71	100,382						
		Midnapore	1,411	3.8	282	282	67,909	61,000	61,000	57,418	1,157		1,157	5,913	0.12	52.33	46.57	Whole month discharging 27 days discharging	
		Panchgong	622	28	21	21	3,578	5,100	5,100	4,746				5,913	0.00	52.27	46.57		
		Total Kancha								547				547					
		Range I and II																	
	Howrah	Total							61,721	1,147		1,157	63,868						
		Total of the corresponding period of last year							61,721	1,147		1,157	63,868						
		Shahabad	4,343	1,536	84	84	26,512	1,584	16,600	3,643	1,344	255	574	2,194		38.76	43.79	+ 5,246 acres annual leases transferred to 5 year leases during month	
		Buzar	1,226	457	280	280	76,752	43,792	43,792	14,600	1,966	95	1,966	184		38.70	59.12		
		Arrah	1,600	630	348	348	12,373	12,373	12,373	12,373	1,664	1,966	22,311	1,145		45.54	72.31		
Patna and Gaya	1,466	860	113	113	1,473	1,018	866	394	437	78	437	15							
Total								46,009	3,829	3,835	199	239,088							
BONGAL	Grand Total	Total of the corresponding period of last year.						167,409	45,408	1,398	3,838	3,808	59,671						
		Grand Total of the corresponding period of last year							167,409	45,408	1,398	3,838	3,808	59,671					

A. D. MCARTHUR, Mayor, R.E.,
Under-Secretary to the Govt. of Bengal.

The 10th January 1888.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

ORISSA COAST CANAL SYSTEM

LENGTH OF CANAL OPEN, 97½ MILES

Statement showing Quantities of Goods carried during the month of November 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE				PRIVATE		REMARK
		Quantity—Tons			Value Rupees	Quantity	Value	
		Up	Down	Total		Tons	Rupees	
194	1. Grain ...	1,567	62	2,192	89,693	2,192	89,693	
.....	2. Cotton ...	.....	.....	.....	..	.....	..
11	3. Oilseeds ..	181	...	181	19,120	181	19,120	
26*	4. Salt ...	114	159	273	20,470	273	20,470	
8	5. Piece-goods ...	..	23	23	14,500	23	14,500	
...	6. Metal ..	.....	.....	.....	.....	.....	.....
20	7. Building materials	50	11	61	761	61	761	
588	8. Miscellaneous ...	181	416	597	104,858	597	104,858	
23	9. Fuel ..	7	98	105	1,226	105	1,226	
1 & 12 rafts	10. Timber ...	597 c. ft.	5 c. ft.	602 c. ft.	698	602 c. ft.	698	
5 "	11. Bamboos ...	472 "	.	472 "	37	472 "	37	
875 & 17 rafts	12. Total ...	2,100 & 1,069 c. ft.	1,332 & 5 c. ft.	3,432 & 1,074 c. ft.	251,363	3,432 & 1,074 c. ft.	251,363	
638 & 8 rafts	13. Total of same month last year	1,126 & 678 c. ft.	459 ...	1,615 & 678 c. ft.	75,336	1,612 & 678 c. ft.	74,536	

	Up	Down	Total		Rs. A. P.
4. Total number of boats plying cargo ... No.	471	404	875	Total tollage of month— 21+25+26 ...	5,126 15 9
5. Total number of boats plying passenger ... No.	79	74	153	Total tollage of same month last year ...	1,518 6 9
6. Total registered tonnage, cargo ... Tons	4,628	3,762	8,390	Memorandum of Tollage.	
7. Total registered tonnage, passenger ... Tons	925	665	1,590		
8. Ton mileage ...	157,629	119,682	277,311		
9. Estimated value of cargo Rs.	1,59,570	91,058	250,628		
10. Number of passengers No.	3,631	1,450	5,081		
11. Rafts, bamboos c. ft.	472	.....	472	1. Balance not recovered on the 1st of the month ...	3,469 12 3
12. Do., nullahs .	597	5	602	2. Tollage per month ...	5,126 15 9
13. Estimated value of rafts Rs.	720	15	735	3. Total ...	8,596 12 0
14. Tollage on boats	2,553-3-9	2,133-6-3	4,686-10-0	4. Amount paid into treasury during the month ...	4,620 3 0
15. Compounded tollage on boats Rs.	204-9-0	219-14-6	424 7-6	5. Balance due at the end of the month ...	3,976 9 0
16. Tollage on rafts	15-12-3	0-2-0	15-14 3		
17. Total tollage on boats per ton mile ...	.....	.....	0-4-3		
18. Total tollage on rafts per 100 cubic feet ...	.....	.....	1-7-8		

Abstract for the month of November 1887 as compared with the corresponding month of the previous year.

	1887-88.		1886-87.	
	During the month	To end of the month.	During the month	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Tollage ...	5,126 15 9	28,578 8 6	1,518 6 9	15,168 2 9

CALCUTTA,
The 10th January 1888. }A. D. MCHUGH, Major, R.E.,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 7th January 1888, as compared with the corresponding week of the previous year

NATURE OF CARGO	WEEK ENDING SATURDAY, THE 7TH JANUARY 1888			WEEK ENDING SATURDAY, THE 7TH JANUARY 1887		
	No. of boats	Net tonnage	Value in Rs.	No. of boats	Weight in Mds	Value in Rs.
	No.	Tons	R.	No.	Mds	Rs.
Rice and paddy	1,671	1,100	1,997	1,691	1,963,600	3,365
Jute	10	13	209	137	82,010	1,469
Firewood	181		158	111	61,700	1,397
Other articles	112	100	1,000	982	2,118,155	3,563
Total	1,974	1,213	12,850	2,921	5,841,185	9,784

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 1513½ miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	204,879	2,54,720 2 0	30,14,903 30	7,35,811 4 0	46,915 3 0	10,40,305 0 0	62,832½	10,827½	1,07,190½
Per mile of railway		168 2 10		488 1 1	30 15 11	687 9 10			
For previous 26 weeks of half-year	5,955,879	64,95,855 1 0	6,86,48,259 0	1,31,50,114 4 0	1,41,803 0 4	1,08,1,832 5 4	1,62,068½	2,11,70½	1,77,384½
Total for 26 weeks	6,160,758	67,5,464 3 0	6,16,63,164 31	1,37,99,95 8 0	1,46,718 3 4	1,10,10,137 14 4	1,63,356	2,217 5½	1,937,75½
COMPARISON.									
Total for corresponding last six days of previous year	162,685	2,12,393 11 1	19,03,877 0	5,66,385 14 10	—10,254 3 7	7,62,435 6 4	64,326½	80,064½	1,44,391½
Per mile of railway corresponding period of previous year		140 2 2		373 13	—10 11 8	503 4 1			
Total to corresponding date of previous year	5,820,958½	67,75 20 0 1	5,86,82,083 20	1,31,50,012 7 4	3,70,103 0 5	2,14,95,335 7 10	1,72,537½	2,145,111½	4,207,28½

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883

RECEIPTS FOR LAST SIX DAYS OF DECEMBER 1887.			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts	Per mile worked	Mean mileage worked.	Receipts	Per mile worked	Mean mileage worked.	Total receipts	Per mile worked	Mean mileage worked.	Total receipts	Per mile worked		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,515	7,62,435	503	1,513½	10,40,308	687	1,715	3,42,78,918	580	1,517½	3,34,37,683	565	..	8,41,335

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	10,701	6,103 3 0	42,054 0	2,796 8 0	28 0 0	8,657 11 0	1,753	641	2,394
Per mile of railway	184	106 11 2	75 10	47 10 8	0 7 10	154 13 8			
For previous 26 weeks of half-year	348,281*	1,87,468 10 0*	9,74,015 20*	61,438 10 0*	803 3 6*	2,49,710 0 6	4,588½	17,723½	62,12
Total for 26 weeks	358,754	1,93,771 13 0	9,90,119 20	64,155 2 0	831 2 6	2,48,598 1 6	47,51½	17,364½	64,708
COMPARISON.									
Total for corresponding last six days of previous year	9,907	5,363 1 3	41,711 20	—770 10 0	259 11 11	4,943 3	1,48½	614	2,09½
Per mile of railway corresponding period of previous year	174	93 12 2	729 10	—13 10 1	4 8 8	84 10 9	..	..	..
Total to corresponding date of previous year	314,151	2,02,122 5 3	11,07,078 0	71,867 3 0	1,022 10 6	2,75,914 2 9	46,53½	19,40½	66,047½

* Deducted No. of passengers 1,072 and Rs. 808 0 0 }
 Added Mds. 4,207 and deducted .. 600 0 0 } on account of differences between the approximate and audited returns to week ended 26th November 1887.
 Ditto .. 6 11 0 }

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883

RECEIPTS FOR WEEK ENDING LAST 6 DAYS OF DECEMBER 1887.			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts	Per mile worked.	Mean mileage worked.	Receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.	Mean mileage worked.	Total receipts	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57½	4,843	85	57½	8,838	165	57½	4,02,609	180	57½	4,77,527*	189	..	24,772

* Deducted Rs. 1,462 on account of differences between the approximate and audited returns up to week ended 26th November 1887.

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,204	375 8 0	34,192 30	6 7 14 0	5 0 0	1,038 0 0	336½	157	49
Or per mile of railway	31 4 8			5 13 2	0 6 8	86 8 6			
For previous 25 weeks of half-year	*69,024	*11,615 1 0	†3,63,138 20	†8,067 13 0	†169 13 6	†10,752 11 0	†8,608½	†2,809	†12,4
Total for 26 weeks	71,228	11,890 9 0	3,97,331 10	8,725 11 0	174 13 6	20,791 1 0	10,006	2,966	12,97
COMPARISON.									
Total for corresponding last 6 days of previous year	1,950	356 5 5	15,019 30	283 6 2	8 12 11	648 8 3	305½	123½	429
Per mile of railway corresponding period of previous year		29 11 2		23 9 10	0 11 9	54 0 9			
Total to corresponding date of previous year	66,070†	11,289 15 8	2,88,363 10	6,341 5 0	236 9 3	17,867 13 11	10,145½	3,120	13,35

* Deducted No. of passengers 94 and Rs. 14 0 0 }
 † Added Mds. 1,278-20 and deducted „ 1,002 7 0 } on account of differences between the Approximate and Audited returns to week ended 26th November 1887.
 ‡ Deducted „ 2 0 0 }

Approximate Statement of gross receipts of the Dildarnagar-Ghaziipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR LAST 6 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
12	649	54	12	1,038	87	12	35,140	75	12	35,891	76	251	.....

* Deducted Rs. 1,108 on account of difference between the approximate and audited returns up to week ended 26th November 1887.

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	4,554	3,682 4 0	1,09,612 0	6,319 3 0	93 12 0	10,075 3 0	657	1,505½	2,162½
Or per mile of railway	.....	48 16 4	.....	84 7 8	1 4 1	134 11 1	.....	.....	.....
For previous 25 weeks of half-year	129,899	97,000 11 0	25,18,927 30	1,10,315 10 0	2,404 7 6	2,10,326 13 3	17,243	40,457	57,700
Total for 26 weeks	134,453	1,01,268 15 9	26,28,539 30	1,10,634 13 0	2,498 8 6	2,20,402 0 3	17,900	41,962½	59,862½
COMPARISON.									
Total for corresponding last six days of previous year	4,450*	3,678 0 1*	75,591 30†	3,663 12 0†	224 8 0‡	7,566 4 7	693	843	1,536
Per mile of railway corresponding period of previous year	.....	49 2 9	.....	48 15 8	3 0 0	101 2 5	.....	.....	.....
Total to corresponding date of previous year	133,273‡	1,00,411 14 3	23,66,863 10	84,630 13 9	3,377 2 3	1,88,419 14 3	10,317½	29,831½	40,149½

* Deducted No. of passengers 207 and added Rs. 183 0 0 }
 † Added Mds. 20,614 and deducted „ 344 12 0 } on account of differences between the approximate and audited returns to week ended 26th November 1887.
 ‡ Deducted „ 46 12 6 }

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING LAST 6 DAYS OF DEC. 1886.			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
74½	7,566	101	74½	10,075	136	74½	2,84,794	96	74½	2,84,405*	119	40,609	

* Deducted Rs. 409 on account of difference between the approximate and audited returns up to week ended 26th November 1887.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,302	4,336 10 0	7,230 0	231 2 0	4 0 0	4,573 12 0	905	63	968
Per mile of railway ...	.....	194 14 6	.....	10 7 8	0 2 10	205 9 0	.....	.....	.....
For previous 26 weeks of half-year ...	433,651*	1,07,219 9 0*	1,15,788 20†	4,391 4 0†	119 4 0‡	1,11,730 1 0	23,351‡	1,310‡	24,662
Total for 26 weeks ...	450,943	1,11,536 8 0	1,28,018 20	4,624 6 0	123 4 0	1,16,303 13 0	24,256‡	1,373‡	25,630
COMPARISON.									
Total for corresponding last 6 days of previous year ...	11,427‡	2,675 5 10	4,100 30	145 7 8	4 14 10	2,826 11 11	798	24	822
Per mile of railway corresponding period of previous year ...	.....	120 3 10	.....	6 9 4	0 3 7	127 0 9	.....	.....	.....
Total to corresponding date of previous year ...	403,413‡	1,00,377 1 0	91,151 30	3,432 12 0	157 13 3	1,03,967 10 3	24,895	623	25,518

* Added No. of passengers 4371 and Rs. 844 0 0
† Ditto Mds. 28 and " 1 12 0 } on account of differences between the approximate and audited returns to week ended 26th November 1887.
‡ Deducted " 8 6 0 }

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING LAST 6 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
22½	Rs. 2,827	Rs. 127	22½	Rs. 4,574	Rs. 206	22½	Rs. 1,76,702	Rs. 204	22½	Rs. 1,93,376*	Rs. 223	Rs. 16,674	.....

* Added Rs. 837 on account of difference between the approximate and audited returns up to week ended 26th November 1887.

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,088	1,370 14 0	52,370 10	3,763 9 0	25 6 0	5,159 7 0	210	54	756
Per mile of railway ...	.....	32 10 3	.....	89 9 9	0 9 6	122 13 6	.....	.....	.....
For previous 26 weeks of half-year ...	54,164*	24,949 8 0*	6,32,508 20†	46,108 11 0†	533 15 3‡	71,690 2 9	7,810	9,284	17,094
Total for 26 weeks ...	56,252	26,330 6 6	6,84,878 30	46,960 4 0	558 15 3	76,849 9 9	8,020	9,330	17,350
COMPARISON.									
Total for corresponding last 6 days of previous year ...	1,797	861 3 1	40,553 0	2,263 12 0	31 13 2	3,176 12 3	156	581	737
Per mile of railway corresponding period of previous year ...	.....	20 8 1	.....	54 6 0	0 12 1	75 10 2	.....	.....	.....
Total to corresponding date of previous year ...	56,980‡	27,610 13 0	4,92,073 0	37,848 8 0	765 6 0	66,224 11 0	7,040	9,760	16,800

* Added No. of passengers 134 and Rs. 28 0 0
† Ditto Mds. 4,300-20 and " 798 10 0 } on account of differences between the approximate and audited returns to week ended 26th November 1887.
‡ Ditto " 9 8 0 }

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING LAST 6 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
42	Rs. 3,177	Rs. 76	42	Rs. 5,159	Rs. 123	42	Rs. 92,386	Rs. 56	42	Rs. 1,24,641*	Rs. 76	Rs. 32,455	.....

* Added Rs. 256 on account of difference between the approximate and audited returns up to week ended 26th November 1887.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B. Dacca, K. AND D., AND ASSAM-BEHAR SECTIONS).

Approximate Return of Traffic for week ended 24th December 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	101,208	60,484 0 0	6,03,216 0	1,34,153 0 0	11,785 0 0	2,00,442 0 0	10,239	27,416	46,6
Or per mile of railway ...	157	94 0 0	1,028 0	208 0 0	3 0 0†	305 0 0	...	...	...
For previous 24 weeks of half-year ...	2,012,490	13,61,878 0 0	1,50,64,842 0	33,22,814 0 0	3,58,608 0 0	50,43,300 0 0*	490,589	603,140	1,102,7
Total for 25 weeks ...	3,013,758	14,22,362 0 0	1,57,23,058 0	34,56,967 0 0	3,76,491 0 0	52,49,732 0 0	518,823	636,562	1,149,31
COMPARISON.									
Total for corresponding week of previous year ...	115,507	63,854 0 0	(a) 8,46,590 0	86,238 0 0	84,464 0 0	1,86,553 0 0	22,068	10,948	39,0†
Per mile of railway corresponding period of previous year ...	191	100 0 0	1,397 0	142 0 0	...	251 0 0	...	...	...
Total to corresponding date of previous year ...	3,093,047	13,36,534 0 0	1,36,37,504 0	26,39,000 0 0	3,34,589 0 0	43,01,723 0 0	463,154	541,923	1,005,0†

* Audited up to week ending 5th November 1887.

† Rs. 10,000 excluded from the calculation.

(a) Includes ballast train.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 25TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 25TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked per week.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
806	1,86,556	308	645	2,06,433	320	606	61,45,164	267	645	70,45,255*	287	9,00,191	...

* Audited up to week ending 5th November 1887.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 24th December 1887, on 105 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	20,868	8,878 0 0	20,507 0	4,330 0 0	30 0 0	13,238 0 0	8,501	1,708	5,216
Or per mile of railway ...	167	71 0 0	316 0	32 0 0	...	105 0 0	...	...	...
For previous 24 weeks of half-year ...	597,613	1,39,831 0 0	10,62,819 0	99,578 0 0	2,707 0 0	3,02,086 0 0*	88,733	40,977	129,730
Total for 25 weeks ...	618,481	2,08,709 0 0	11,02,326 0	1,03,908 0 0	2,737 0 0	3,15,324 0 0	92,254	42,688	134,942
COMPARISON.									
Total for corresponding week of previous year ...	19,218	9,871 0 0	20,507 0	1,261 0 0	1,886 0 0	13,021 0 0	4,247	1,100	5,347
Per mile of railway corresponding period of previous year ...	154	79 0 0	164 0	10 0 0	...	80 0 0	...	...	...
Total to corresponding date of previous year ...	584,067	2,06,189 0 0	5,02,349 0	38,261 0 0	3,383 0 0	2,42,278 0 0	89,823	63,867	132,690

* Audited up to week ending 5th November 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 24TH DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 24TH DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 24TH DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked per week.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
165	13,021	104	125	18,239	106	125	4,17,886	88	125	4,80,389*	101	63,523	...

* Audited up to week ending 5th November 1887.

DACCA STATE RAILWAY

Approximate Return of Traffic for week ended 21st December 1887, on 86 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN-MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Passenger	Merchandise	Total
		Rs A P	Mts S	Rs A P	Rs A P	Rs A P			
Total traffic for the week	11611	5881 0 0	61081 0	2767 0 0	41 0 0	888 0 0	231	913	3,004
or per mile of railway	11	68 0 0	710 0	2 0 0	1 0 0	101 0 0			
for previous 24 weeks of half year ..	285501	9796 0 0	57111 1	487 0 0	303 0 0	111843 0 0	177	1641	74,300
Total for 25 weeks	3115*	103847 0 0	55571 0	5111 0 0	3970 0 0	118 0 0 0	4118	2731	77,304
COMPARISON									
Total for corresponding week of previous year	1417	480 0 0	49810 0	1711 0 0	338 0 0	6863 0 0	180	783	3,783
per mile of railway corresponding period of previous year	11	5 0 0	1,133 0	20 0 0		70 0 0			
Total to corresponding date of previous year	265715	86534 0 0	313130 0	28,11 0 0	8014 0 0	12367 0 0	4114	18101	61,251

* Audited up to week ending 5th November 1887.

† Includes suburban traffic.

FINANCIAL YEAR

Approximate Statement of gross receipts of the Dacca State Railway

RECEIPTS FOR WEEK ENDING 25th DECEMBER 1887				TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 25th DECEMBER 1887				TOTAL RECEIPTS FROM 1st APRIL 1886 TO WEEK ENDING 25th DECEMBER 1886				Total increase in 1887	Total decrease in 1887
Mean mileage worked.	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Receipts	Per mile worked	Mean mileage worked	Total receipts		
86	Rs 698	80	16	Rs 8 88	101	86	1,50 4.7	Rs 16	25 270*	68	33 899		

* Audited up to week ending 5th November 1887.

ASSAM BEHAR STATE RAILWAY

(PURNIA SECTION)

Approximate Return of Traffic for week ended 21st December 1887, on 39 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching Receipts	Weight carried	Receipts			Passenger	Merchandise	Total
		Rs A P	Mds S	Rs A P	Rs A P	Rs A P			
Total traffic for the week	1915	680 0 0	10 23 0	1,145 0 0	16 0 0	1,841 0 0	546	546	1,092
or per mile of railway	49	18 0 0	26 0 0	29 0 0		47 0 0			
for previous 24 weeks of half-year	70596	25,103 0 0	2 02 601 0	17,268 0 0	870 0 0	18 91 0 0	11,698	11,078	26,776
Total for 25 weeks	72511*	25 785 0 0	2,12 924 0	18 413 0 0	866 0 0	45 04 0 0	14 114	13 124	27,238
COMPARISON									
Total for corresponding week of previous year									
per mile of railway corresponding period of previous year									
Total to corresponding date of previous year									

* Audited up to week ending 5th November 1887.

FINANCIAL YEAR

Approximate Statement of gross receipts of the Assam Behar State Railway

RECEIPTS FOR WEEK ENDING 25th DECEMBER 1887				TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 25th DECEMBER 1887				TOTAL RECEIPTS FROM 1st APRIL 1886 TO WEEK ENDING 25th DECEMBER 1886				Total increase in 1887	Total decrease in 1887
Mean mileage worked.	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Receipts	Per mile worked	Mean mileage worked	Total receipts		
39	Rs 1,841	47	39	Rs 1,841	47	39	1,841	Rs 1,841	47	39	1,841		

* Audited up to week ending 5th November 1887.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 31st December 1887, on 27½ miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings.	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts.			Coaching	Merchandise	Total
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,644	1,012 0 0	13,713 0	511 0 0	11 0 0	1,534 0 0	509	254	763
Or per mile of railway	97	37 2 0	504 0	18 12 0	0 6 0	56 4 0			
For previous 26 weeks of half year	71,072	27,980 0 0	2,35,551 0	13,810 0 0	446 0 0	41,175 0 0	12,907	7,544	20,451
Total for 26 weeks	78,716	27,990 0 0	2,49,264 0	14,324 0 0	455 0 0	42,729 0 0	13,416	7,798	21,214
COMPARISON.									
Total for corresponding period of previous year	2,025†	737 0 0	14,444 11	671 0 0	11 12 0	1,413 12 1	434	203	636
Per mile of railway corresponding week of previous year	74	27 1 0	530 0	24 10 0	0 7 0	52 2 0			
Total to corresponding date of previous year	63,681†	24,300 2 0	1,90,885 30	13,933 10 0	461 7 8	38,176 4 -	12,470	7,711	20,181

* Average receipts for 6 days, out of last 13 days of December 1886, have been shown.
† Includes figures for supplementary traffic return.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR LAST 6 DAYS OF DECEMBER 1886			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887			Total increase in 1887	Total decrease in 1887
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
27½	1,420	52	2½	1,734	56	2½	6,512	59	2½	68,217	64	5,705	

TIRHOOT STATE RAILWAY

Approximate Return of Traffic for the week ending 31st December 1887, on 259 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings.	TRAFFIC TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts.			Coaching	Merchandise	Total
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 259 miles open	27,925	11,738 0 0	1,55,423 0	5,410 0 0	3,813 0 0	31,960 0 0	5,094	6,768	11,862
Or per mile of railway	111	45 5 0	600 0	21 3 0	15 2 0	123 10 0*			
For previous 26 weeks of half year	1,011,129	3,69,981 0 0	32,35,970	3,17,508 0 0	8,969 0 0	7,71,197 0 0	1,29,549	123,000	2,52,549
Total for 26 weeks	1,070,003	3,81,727 0 0	34,01,409 0	3,31,148 0 0	87,712 0 0	8,02,587 0 0	1,65,548	170,203	2,35,751
COMPARISON.									
Total for corresponding period of previous year on 24 miles open	26,24	10,181 2 2	1,29,607 0	13,097 2 0	2,689 10	15,967 14 2	4,767	4,343	9,110
Per mile of railway corresponding week of previous year	108	41 6 0	534 0	54 4 0	112 0 0	65 4 0*			
Total to corresponding date of previous year	8,72,001†	3,11,060 13 3	31,76,148 10	3,21,011 14 3	86,530 5 0	7,08,123 8 6	136,601	113,068	2,49,669

* Steam boat earnings included in calculating "Total earnings per mile of Railway."
† Average receipts for 6 days out of last 13 days of December 1886 have been shown.
‡ Includes figures of supplementary traffic return.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR LAST 6 DAYS OF DECEMBER 1886			RECEIPTS FOR WEEK ENDING 31st DECEMBER 1887			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st DECEMBER 1886			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 31st DECEMBER 1887			Total increase in 1887.	Total decrease in 1887
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
246	25,968	106	259	31,790	123	246	11,08,739	123	240,445	12,06,639	123	1,27,881	

DARJEELING-HIMALAYAN RAILWAY COMPANY

						Rs.
Approximate earnings for week ending 17th December 1887	..	...	...	...	...	7,520
Corresponding week last year	..	..	..	..	..	7,520
						<hr/>
Receipts from 1st July to 17th December 1887			...	...	...	2,37,598
From 1st July to 18th December 1886	..	.	...	...	...	2,39,774
						<hr/>
Decrease	...	...	...	.	...	2,176
						<hr/>
						Miles
Miles open, week ending 17th December 1887	...	...	..	...	...	51
Corresponding week last year	..	...	...	..	...	51
						<hr/>
						Rs. A. P.
Receipts per mile open, week ending 17th December 1887	..	...	...	...	...	147 7 6
Corresponding week last year	..	..	...	...	...	147 7 6

CHIEF OFFICE, D-H. RY, DARJEELING, the 2nd January 1888.

W STEVENSON, Secretary, D-H. Railway.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 18, 1888.

OFFICIAL PAPERS.

Non Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post

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January 1888			

DISTRICT ROAD FUND.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT

GENERAL—ROAD CESS.

Dated Calcutta, the 10th January 1888.

No. 93R.C.

READ—

Letter from the Accountant-General, Bengal, No. 857L.F., dated 21st December 1887, submitting an abstract of the receipts and expenditure of the several District Road Committees in Bengal for the quarter ending the 30th June 1887.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the first quarter of the year 1887-88 be published in the *Calcutta Gazette*, and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded to the Commissioners of the Rajshahye, Bhagulpore, Chittagong and Chota Nagpore Divisions; to the Superintending Engineers of the Eastern and Western Circles; and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

Under-Secy. to the Govt. of Bengal,

P. W. Dept.

DISTRICT

Statement of Receipts and Expenditure of the several District Roads

RECE

DISTRICTS.	Balance in treasury on 1st April 1887.	PROVINCIAL RATES.					Interest on arrears of road cess.	PUBLIC WORKS.			IRRIGA- TION.	MISCEL	
		Cess on lands.	Cess on mines and railways.	Cess on houses.	One per- cent. road cess.	Total.		Road tolls.	Ferry tolls.	Total.		Canal tolls.	Rent of serais and staging bungalows.	Fees, fines and forfeitures.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.
Darjeeling	22,724 10 8	2,158 2 3	1,271 7 10	.....	.....	3,429 10 1	0 8 11	.....	.....	.....	.....	.....	.....
Hazaribagh	36,543 13 4	4,318 13 4	1,238 8 6	.....	.....	5,452 5 10	27 4 3	.....	.....	.....	.....	76 0 0	6 8 0
Lohardugga	45 328 1 10	872 12 11	.....	.....	.....	872 12 11	12 0 8	.....	.....	.....	.....	5 8 0	100 0 0
Manbhum	22,133 15 0	10,424 3 1	1,244 0 4	.....	.....	11,668 3 5	391 4 7	.....	.....	.....	.....	720 14 0	.....
Total	1,20,730 8 10	17,668 15 7	3,764 0 8	.....	.....	21,428 0 3	431 2 5	.....	.....	.....	.....	802 6 0	100 8 0
Chittagong Hill Tracts	10,810 12 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sonthal Pergunnahs ...	3,394 4 10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128 8 0	1 4 0
Singbhum	932 0 11	500 0 0	0 11 6	.....	.....	500 11 6	.....	.....	.....	.....	.....	.....	.....
Total	15,137 1 9	500 0 0	0 11 6	.....	.....	500 11 6	.....	.....	.....	.....	.....	128 8 0	1 4 0
GRAND TOTAL	1,41,807 10 7	18,168 15 7	3,764 12 2	.....	.....	21,928 11 9	431 2 5	.....	.....	.....	.....	930 14 0	107 12 0

EXPEN

DISTRICTS.	REFUNDS.			PROVINCIAL RATES.	ADMINISTRATION.			STATIONERY.	PUBLIC WORKS.					
	Cess.	Other receipts.	Total.		Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control.		Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.	
	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
Darjeeling	278 10 0	340 1 8	.....	349 1 0	21 0 0	4,379 10 11	1,094 0 0	923 10 0	0 8 0	.....	.....
Hazaribagh	245 9 4	256 10 0	.....	256 10 0	2 8 0	324 4 7	0,310 15 1	1,919 3 0	1 10 0	.....	.....
Lohardugga	0 4 0	0 4 0	0 4 0	561 11 9	00 10 0	.....	60 10 0	0 3 8	1,129 14 0	2,417 12 11	2,260 7 11	-97 6 0	.....	.....
Manbhum	377 8 1	334 6 9	.....	384 0 9	2 1 6	267 2 8	4,296 11 4	1,611 12 0	.....	.....	.....
Total	0 4 0	0 4 0	1,463 7 8	1,050 12 3	.....	1,050 12 3	55 8 6	6,101 0 2	17,051 13 4	6,015 0 11	-86 4 0	.....	.....
Chittagong Hill Tracts	1,000 0 0	1,000 0 0	.....	5 11 0	.....	5 11 0	.....	1,628 1 8	78 15 9	1,439 11 0	123 9 6	.....	.....
Sonthal Pergunnahs	244 4 0	.....	244 4 0	72 8 9	1,710 4 6	4,070 1 0	1,538 12 0	111 1 9	.....	.....
Singbhum	95 6 0	.....	95 6 0	.....	343 6 6	399 4 6	410 11 3	.....	.....	.....
Total	1,000 0 0	1,000 0 0	.....	315 5 0	.....	345 5 0	72 8 9	3,090 12 8	4,543 6 0	3,380 2 3	234 11 3	.....	.....
GRAND TOTAL	1,000 4 0	1,000 4 0	1,463 7 8	1,396 1 3	.....	1,396 1 3	198 1 3	9,791 12 10	22,495 3 4	9,995 3 2	148 7 3	.....	.....

FORT WILLIAM,

The 5th December 1887.

ROAD FUND.

Committees for the first quarter of the year 1887-88 ending 30th June 1887.

T 8.

ROADS		Grant from Government	STIPENDS ACCOUNT			Total receipts.	Balance of unpaid bills of Engineers and others due	Balance of un-ashed cheques incurred	Total receipts in hand balance	Outlay	Balance in treasury on 30th June 1887
Miscellaneous	Total		Advances	Deposits	Total						
Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P
12 6 8	95 14 3	790 0 0	14 1 10	113 0 0	114 2 10	5 74 5 10			28 899 0 6	10 981 11 1	19 000 5 5
0 10 9	100 2 9		3 2 1	2 0 0	728 2 1	6 200 10 5			42 844 7 9	15 159 8 3	29 714 15 6
1 14 0	722 12 0		176 14 10	050 0 0	826 11 10	11 000 2 10			40 000 14 2	8 010 2	38 460 4 0
									35 743 1 10	7 188 14 5	28,254 4 5
16 15 0	923 13 0	7 0 0	1 0 15	1 388 0 0	3 327 15 0	20 895 17 7			1,591 20 8	9,217 10 11	114,408 19 4
112 13 3	1 112 13 3		511 8 11		511 8 11	2 174 6 2	170 9 9		13 085 11 11	4 711 0 11	8 521 11 0
76 2 6	205 14 6	54 000 0 0	40 0 0		40 0 0	34 112 7 9		841 0 8	98 348 6 10	8 774 4 0	21,794 1 10
		10 000 0 0				10 500 11 4			11 652 12 7	1, 11 7 0	9,899 4 8
585 13 0	1 818 11 1	44,000 0 0	018 2 2		918 2 2	47 237 0 5	170 9 9	941 0 3	62 806 14 2	14 051 12 8	48,215 1 6
708 14 9	2,742 8 9	44,790 0 0	2 88 1 11	1 388 0 0	4 246 1 11	74 133 8 10	150 9 9	141 0 8	2 10 46 6 5	53 801 7 7	1 02 023 14 10

T U R E.

Works	IRRIGATION		MISCELLANEOUS				Contribution to Provincial Government	STIPENDS ACCOUNT			Total expenditure	Balance of unpaid bills of Engineers and others incurred	Balance of un-ashed cheques due	Total outlay
	Total	Canal tolls	Staging bungalow establishment and contingencies	Staging bungalow petty construction and repairs	Miscellaneous	Total		Advances	Deposits	Total				
Rs A P	Rs	Rs A P	Rs A P	Rs A P	Rs A P	Rs	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P
7,280 2 11							2,375 0 0			2,375 0 0	10 3 15			10 3 15
11 526 0 8		27 0 0	0 3 3		33 3 3		350 14 0	44 0 0		792 14 0	1 890 8 1			1 890 8 1
5 710 12 10		46 10 0	135 8 0	47 6 0	221 8 0		50 0 0	641 1 5		691 1 5	7 48 5 6			7 48 5 6
6 045 10 0			340 8 9		340 8 9		328 5 4			328 5 4	7 48 5 5	1 1 0		7 48 5 5
80,581 10 5		73 10 0	482 4 0	41 6 0	597 4 0		3,110 3 4	1,077 1 5		4,187 4 9	17 116 3 7	10 7 0	1 271 2 4	30,217 10 11
3,258 5 11							800 0 0			800 0 0	4 714 0 11			4 714 0 11
7,437 4 0		71 7 3	9 0 0		80 7 3		719 12 0			719 12 0	8 7 4 4 0			8 7 4 4 0
3,168 9 8							282 1 0			282 1 0	1 530 13 3	2 10 1		2 10 1
11,846 0 2		71 7 3	9 0 0		80 7 3		1,301 14 0			1,301 14 0	1 11 1	2 10 1		14 051 12 8
43,430 10 7		145 1 3	492 4 0	41 6 0	677 11 3		4,412 0 4	1,077 1 5	5 441 1		13 15 6	1 271 2 4		54,800 7 7

J. F. FINLAY,

Offg Accountant-General, Bengal

The 16th January 1888.—The following papers are published for general information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Govt. of Bengal.

IMPERIAL INSTITUTE, LONDON.

Cir. No. 2—2-1M. & Ex., dated Calcutta, the 6th January 1888.

From—W. R. LAWRENCE, Esq., c.s., Under-Secy. to the Govt. of India, Revenue and Agricultural Department,

To—The Secretary to the Government of Bengal, Revenue Department.

I AM directed to forward, for the information of His Honour the Lieutenant-Governor, and for any action that may be deemed necessary, a copy of a letter dated the 14th October 1887, received from Sir F. Abel, in connection with the Imperial Institute.

The memorandum referred to in paragraph 1 of the letter has not been received.

Dated London, W. C., the 14th October 1887.

From—SIR F. A. ABEL, Organizing Secretary, Imperial Institute of the United Kingdom, the Colonies and India.

To—HIS EXCELLENCY THE RIGHT HON'BLE THE EARL OF DUFFERIN, K.P., G.C.B., G.C.M.G., G.M.S.I., Governor-General of India.

I HAVE the pleasure, by direction of His Royal Highness the Prince of Wales, to enclose a memorandum descriptive of the progress which has been made to date in the establishment of the Imperial Institute, as His Royal Highness believes that the information which it contains will be of interest to Your Lordship and to the Committee which has acted under your directions during the present year in obtaining contributions to the funds of the Institute.

2. The large measure of success which has attended the efforts of the various Local Committees throughout the country has been very gratifying to the Prince, and I have the instructions of His Royal Highness to request that you will be good enough to convey to the individual members of your Committee the expression of His Royal Highness's high appreciation of their hearty co-operation in his desire to found a fitting National Memorial of the Jubilee of the Queen's reign.

3. The very satisfactory progress which has been made, during the first nine months of organized work, towards ensuring the foundation of the Institute upon such a basis as to allow of the extension of its sphere of usefulness in all the contemplated directions, warrants the sanguine expectation that the amount which has been estimated as necessary for that purpose will be provided within no very distant period.

4. A considerable number of Local Committees have signified their willingness to prolong their operations with the especial object of obtaining additions to the "Endowment Fund" of the Institute which is about to be created. His Royal Highness trusts that it may be possible for you and your colleagues to adopt this course.

5. Should you or your Committee desire any further information which it is in my power to afford, I shall be happy to reply to enquiries or to arrange for the personal attendance of an official upon you or the Committee.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the crops in the different districts of Bengal, as reported to Government during the week ending the 14th January 1888.

No	District and date of return	Rainfall at Sudder Station in inches	Character of the weather and state and prospects of the crops
BENGAL.			
<i>Western Districts</i>			
BURDWAN DIV.	1 Burdwan Jan 14, '88	Nil	Weather—seasonable. Prospects of <i>rubbi</i> crops fair Prices stationary
	2 Bankoora „ 14, '88	Nil	Weather—seasonable Threshing of <i>amun</i> rice still continues Sugarcane is being gathered Wheat barley and gram are thriving Mustard and peas are flowering and promise an average outturn No change in the rice market
	3 Beerbhoom „ 14, '88	Nil	Weather—seasonable Threshing of paddy continues Prospect of <i>rubbi</i> good Prices stationary
	4 Midnapur „ 14, '88	Nil	Weather—cool <i>Rubbi</i> doing well except in thanas Binpur and Jhargram
	5 Hooghly „ 14, '88	Nil	Weather—cold Winter rice harvest completed, outturn from eight to ten annas Sugarcane pressing commenced, good outturn Sprung crops doing well
	Howrah „ 16, '88	Nil	Weather—clear and cold Harvesting of <i>amun</i> and sugarcane continues
<i>Central Districts</i>			
PRESIDENCY DIV.	6 24 Perghs Jan 17, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> rice going on Prospects of cold weather crops favourable
	7 Nuddea „ 14, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> over Sugarcane thriving <i>Rubbi</i> doing well Rain wanted
	8 Khoolna „ 14, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> still continues Winter crops doing well
	9 Jessore „ 14, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> crop almost completed, outturn good
	10 Moorshedabad „ 14, '88	Nil	Weather—seasonable Harvesting of <i>amun</i> continues outturn good <i>Rubbi</i> crops promising well
RAJSHAHY DIV.	11 Dinagepur		Report not received.
	12 Rajshahye Jan 14, '88	Nil	Weather—seasonable. Harvesting of <i>amun</i> paddy approaching completion Cold-weather crops doing fairly well
	13 Rungpur „ 14, '88	Nil	<i>Amun</i> nearly harvested Winter crops promising well on the whole
	14 Bogra „ 14, '88	Nil	Weather—seasonable State and prospects of crops continue good Sugarcane is being cut Prospects of cold weather crops promise well
	15 Pubna „ 14, '88	Nil	Weather—fine and cool Prospects of crops good Outturn of cold weather crops expected to be 16 annas
	16 Darjeeling „ 14, '88	Nil	Weather—fine State and prospects of crops good
	17 Julpigroes „ 14, '88	Nil	Weather—seasonably cold Fogs in the morning for the last three days of the week Harvesting of winter paddy in progress Sugarcane is being cut and pressed in places Early potatoes are being gathered Prospects of crops continue favourable Prices nearly stationary
<i>Eastern Districts.</i>			
DACCA DIVISION.	18 Dacca Jan. 14, '88	Nil	Weather—seasonable <i>Rubbi</i> crops doing well Most of the waste lands in Naraingunge sub-division have been taken up for cultivation Sugarcane is being cut.
	19 Furreedpur „ 14, '88	Nil	Weather—seasonable Prospects of crops good
	20 Backergunge „ 13, '88	Nil	Weather—seasonable Prospects of crops excellent
	21 Mymenagh „ 13, '88	Nil	Weather—seasonable State and prospects of standing crops satisfactory
CHITTAGONG DIV.	22 Chittagong Jan. 17, '88	Nil	Weather—seasonable. Harvesting of <i>amun</i> completed, outturn 12 annas. Prospects of other crops good Prices steady
	23 Noakholly „ 13, '88	Nil	Weather—seasonable Reaping of <i>amun</i> continues <i>Rubbi</i> crops doing well
	24 Tipperah „ 12, '87	Nil	Weather—dry and cold <i>Amun</i> paddy reaped with very good outturn generally. Winter crops coming on well, a little rain wanted in parts
	25 Chittagong Hill Tracts. „ 10, '88	Nil	Weather—very cold, and heavy fogs up to 10 in the morning throughout the week, somewhat warmer during last two days, from about noon to 2 P.M. Harvesting of plough-paddy is finished Mustard and other cold-weather crops doing well.
	Hill Tipperah „ 11, '87	Nil	Weather—seasonably cold. <i>Amun</i> paddy completely harvested; outturn good. Tobacco, sugarcane, chillies and mustard doing well.

No	District and date of return.	Rainfall at Sudder Station in inches	Character of the weather and state and prospects of the crops.
BEHAR.			
PATNA DIV.	26 Patna Jan 14, '88	Nil	Weather very cold and seasonable Harvesting of paddy completed Threshing going on Prospects of <i>rubbi</i> and poppy continue good, but rain wanted. Prices of food-grains rising owing to export to up-country.
	27 Gya „ 14, '88	Nil	Weather cold Harvesting of paddy nearly finished. It is being threshed. <i>Rubbi</i> no more injured by insects Poppy coming on well.
	28 Shahabad „ 14, '88	Nil	Weather—cool and fine <i>Rubbi</i> crops doing well, but rain wanted. Weather most favourable for poppy The crop is looking well with every prospect of a good season.
	29 Durbhunga „ 14, '88	Nil	Weather—very cold Rice harvest completed Prospects of <i>rubbi</i> and poppy continue hopeful A little rain will benefit them Tobacco is being harvested <i>kahar</i> and peas in flower Price of common rice averages 19 seers per rupee
	30 Mozufferpur „ 14, '88	Nil	Weather—very cold Prospects of <i>rubbi</i> and poppy fair, but rain wanted Only poppy coming into flower
	31 Sarun „ 14, '88	Nil	Weather—seasonable Prospects of crops continue good
	32 Chumparun „ 14, '88	Nil	Weather—cold, occasionally a little cloudy, but often foggy. Threshing of paddy almost completed in all parts Poppy nearly in flower in some villages in the Sudder sub division, in Bettiah it is being weeded and watered on irrigated lands <i>Rubbi</i> has begun to flower in places A shower of rain will be beneficial to both poppy and <i>rubbi</i> <i>Arhar</i> is a very good crop.
BHAGULPORE DIV.	33 Monghyr Jan 14, '88	Nil	Weather—very cold, cloudy at times <i>Rubbi</i> and poppy crops continue to promise well
	34 Bhagulpur „ 14, '88	Nil	Weather—seasonable Harvesting of winter rice nearly over <i>Rubbi</i> crops promise well, but rain wanted Mustard being gathered Sugarcane has commenced to be cut
	35 Purneah „ 14, '88	Nil	Weather—clear and cold <i>Aghani</i> rice nearly harvested Winter crops doing well.
	36 Maldah „ 14, '88	Nil	Weather—seasonable The harvest of winter rice, <i>kalai</i> , &c is still going on with good outturn Wheat and other crops are growing well, but some rain would do good Common rice selling at an average of 23½ seers per rupee
	37 Sonthal Pergas Deoghur Godda Pakor „ 14, '88	Nil 0 03 0 06 0 08	Weather—seasonable Rice crop harvested Prospects of <i>rubbi</i> crops continue fair except in Rajmehel, where rain is badly wanted Rain is generally wanted Sugarcane is being cut in places
ORISSA.			
ORISSA DIV.	38 Cuttack Jan 13, '88	Nil	Weather—seasonable <i>Sarad</i> rice is being reaped with fair outturn. <i>Dalua</i> is being transplanted and growing well Common rice 18½ seers per rupee in Cuttack
	39 Pooree „ 12, '88	Nil	Weather—seasonable <i>Sarad</i> rice is still being harvested <i>Dalua</i> crop thriving well Common rice 25 seers 6 chittacks in the Sudder sub-division and 20 seers 6 chittacks in the Khoorda sub-division.
	40 Balasore „ 13, '88	Nil	Weather—bright and cool Harvesting of <i>sarad</i> rice coming to an end <i>Dalua</i> is growing well <i>Rubbi</i> crops ripening Sugarcane is being pressed Prospects of all crops good
CHOTA NAGPORE.			
<i>South-West Frontier Agency</i>			
CHOTA NAGPORE DIV.	41 Hazaribagh Jan 13, '88	Nil	Weather—seasonable Recent rain has done much good Prospects of <i>rubbi</i> and poppy have greatly improved Poppy flowering Harvesting of sugarcane continues with good outturn
	42 Lohardugga „ 14, '88	0 01	Weather—seasonable and clear Rain has much improved <i>rubbi</i> crops. Prices as before. Cattle disease reported.
	43 Singbhum „ 13, '88	Nil	Weather—bright and cold Want of rain for the <i>rubbi</i> crop is felt throughout the district Sugarcane is being reaped and a 12-anna outturn is expected <i>Rubbi</i> will yield very little owing to want of rain.
	44 Manbhum „ 14, '88	Nil	Weather—fair and cold <i>Arhar</i> being gathered Sugar making has commenced, a good yield expected Molasses and treacle selling at 8 to 10 seers per rupee Prospects of wheat and barley fair, but of mustard indifferent, Rice selling at 20 to 24 seers per rupee.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 17th January 1888.P. NOLAN,
Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from
8th to 14th January 1888

Month.	Date.	Maximum in sun	Number of hours of bright sunshine	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.			Rain	WEATHER
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.			
1888.		°		Inches	°	°	°	°	°	Inches	°	%				Inches	
Jan.	8th	128.6	9.6	30.118	64.0	74.5	18.1	56.4	56.4	0.360	49.9	62	N and NNW	106		Nil	Clear
"	9th	127.5	9.4	30.067	62.5	76.5	24.8	51.7	55.9	365	50.2	66	NNW, N and calm	50		"	Clear,
"	10th	127.5	9.4	30.039	63.2	76.9	23.5	53.4	56.0	382	51.5	68	N and calm	39		"	Clear
"	11th	127.3	9.4	30.046	63.5	76.0	22.2	53.8	56.3	361	56.0	64	N and NW by W	59		"	Clear
"	12th	127.2	9.5	30.003	61.4	74.9	24.1	50.8	54.7	344	48.6	66	W, WSW and calm	43		"	Clear
"	13th	128.0	9.1	30.067	60.8	75.3	21.8	50.5	54.1	331	47.8	66	WNW and calm	29		"	Clear
"	14th	128.3	9.2	30.088	61.5	75.9	25.9	50.0	54.6	335	48.0	61	W and calm	39		"	Chilly clear

The mean pressure of the seven days ... 30.032

The average pressure of the corresponding period for 24 years, S. G.'s Office 30.023

Hours

The total number of hours of bright sunshine ... 65.9

The maximum possible number of hours of sunshine ... 75.7

°

The mean temperature of the seven days ... 62.4

The average temperature of the corresponding period for 24 years, S. G.'s Office ... 66.8

The extreme variation of temperature ... 26.9

The maximum temperature ... 76.9

Miles

The highest velocity of the wind in one hour ... 10

lb

The highest pressure of wind on one square foot ... Not measurable.

%

The mean relative humidity ... 63

The average relative humidity of the corresponding period for 24 years, S. G.'s Office 70

Inches

The total fall of rain from 8th to 14th January 1888 ... Nil.

The average fall of the corresponding period for 24 years, S. G.'s Office ... 0.07

The total fall from 1st to 14th January 1888 ... Nil

The average fall of the corresponding period for 24 years, S. G.'s Office 0.11

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 46, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

= fog, = dew.

JOHN ELIOT,

Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 16th January 1888.

Meteorological Report of the Province of Beng

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.														
			AIR PRESSURE.			WIND.		TEMPERATURE.									
			Mean barometric height, 30 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M.	
ORIGINAL.	Pooree	Gopalpore	30.103	30.153	+0.04	NNW	168	78.2	13th Jan.	58.0	11th to 13th Jan.	77.0	61.1	69.1	-0.8	74	
		False Point	30.136	30.158	+0.04	N	147	77.4	7th & 12th Jan.	50.0	9th & 10th Jan.	70.2	53.6	64.0	-2.8	71	
	Cuttack	Cuttack	30.079	30.163	+0.05	Calm & ENE	1.7	82.8	8th & 13th Jan.	63.0	13th Jan.	82.0	56.4	69.2	-2.2	72	
	Balasore	Balasore	30.093	30.134	+0.02	NNE	78.7	79.3	8, 10, 11, 12, 13, Jan.	40.4	9th, 13th Jan.	78.9	52.6	65.8	-0.7	74	
	South-West Midnapore	Saugor Island	30.150	30.186	+0.08	N	237	77.2	7th	53.8	12th	75.8	56.5	66.2	-0.8	67	
SOUTH-WEST BENGAL.	South 4-Pergunnah																
	Midnapore	Midnapore	30.028	30.185	+0.05	N	88.6	80.3	11th	48.2	9th	78.6	62.1	65.3	-0.1	70	
	24-Pergunnah																
	Howrah	Calcutta	30.132	30.154	+0.05	N	58	77.0	11th	50.5	13th	76.9	63.7	64.8	-0.7	68	
	Hooghly																
	Burdwan	Burdwan	30.056	30.160	+0.02	NNW	48.8	79.0	10th, 11th Jan.	50.3	13th	77.2	53.0	65.1	-0.9	69	
	Bankoora	Bankoora	29.838	-	-	NW	5.3	76.1	7th	50.6	13th	73.4	52.4	62.0	-	65	
	Beerbhoom	Raneegunge	29.832	30.158	+0.04	WNW	94.7	78.5	10th	49.0	13th	70.7	51.3	64.0	-1.4	60	
	West Burdwan																
	Mooredabad	Berhampore	30.032	30.161	+0.09	NNW	41.5	77.6	10th to 12th Jan.	50.2	12th	76.4	52.0	64.2	-0.4	68	
EAST BENGAL.	Nuddea	Krishnagur	30.075	30.143	-	NNW	43.5	78.8	11th	46.9	12th	70.8	40.3	63.4	-	63	
	Jessore	Jessore	30.112	30.147	+0.039	NNW	55.5	80.2	11th	47.4	13th	78.1	61.5	65.0	+0.6	69	
	Khoolna																
	Chittagong	Chittagong	30.112	30.147	+0.039	NNE	41	82.1	7th & 11th Jan.	54.6	13th	80.7	55.9	68.3	+2.6	71	
	Chittagong Hill Tracts	Demagiri					Observations not taken.										
	Backergunge	Barrisal	30.108	30.121	+0.04	NNW	54.4	79.3	11th	52.1	9th, 13th Jan.	77.2	53.8	65.5	+2.6	68	
	Noakholly	Noakholly	30.087	30.132	+0.084	NNE	-	81.5	10th	50.5	13th	79.8	62.5	66.2	+2.0	71	
	Furteedpore	Furteedpore	30.020	30.140	+0.050	NNW	56	73.8	7th, 10th Jan.	50.5	7th, 12th, 13th Jan.	73.7	51.9	62.8	-0.3	64	
	Dacca	Dacca	30.104	30.127	+0.032	N	62	81.1	10th, 11th Jan.	52.1	9th	79.2	54.6	66.9	+1.6	70	
	Commillah	Commillah	30.078	30.115	+0.029	NW	11.6	83.4	10th, 11th Jan.	49.1	12th	81.1	59.1	66.6	+2.8	69	
NORTH BENGAL.	Mymensingh	Mymensingh	30.075	30.135	+0.048	NE	43.5	79.4	11th	49.8	13th	70.9	51.9	64.4	+1.9	68	
	Bogra	Bogra	30.043	30.109	-	N, NW	47.6	79.1	11th	49.7	13th	77.7	52.3	65.0	-	67	
	Pubna	Serajunga	30.080	30.124	+0.045	NNW	38.3	79.4	10th	49.8	8th	77.9	51.9	64.9	+2.4	67	
	Rajahmlye	Rampore Beaulah	30.068	30.140	+0.070	N	89.9	79.2	11th	49.7	12th, 13th Jan.	76.8	48.3	62.6	+0.7	68	
	Maldah	Maldah	30.083	-	-	NW	104.4	77.4	12th	44.0	13th	76.5	48.0	62.3	-	67	
	Dinagore	Dinagore	29.985	30.121	+0.018	SSW	61	78.1	11th	45.8	13th	76.3	48.0	62.6	+1.2	70	
	Rangpore	Rangpore	30.011	30.143	-0.016	Calm	24.1	77.3	9th	47.0	9th	72.7	54.5	63.6	+2.9	64	
	Julpigoree	Julpigoree	29.857	30.160	+0.015	Calm	1.7	78.9	10th	47.9	8, 9, 11, 12, 13 Jan.	75.6	48.5	62.0	+0.4	63	
	Cooch Behar																
	Darjeeling Hill Tracts	Darjeeling	23.074	-	+0.020	NE	32.3	81.0	9th	54.7	7th	48.0	36.9	42.5	+1.5	46	
SOUTH BENGAL.	Purneah	Purneah	30.041	30.176	+0.030	WNW	60.6	70.2	10th	44.4	13th	74.3	45.9	60.1	-1.3	63	
	North Bhagulpore																
	Mozufferpore	Mozufferpore					Observations not taken.										
	Durbhunga	Durbhunga	30.001	30.179	+0.041	W, WSW	101	75.6	10th	49.3	8th	73.0	51.8	62.4	+0.5	61	
	Chumparni	Motihari	29.908	30.147	+0.030	W	116.1	77.7	10th	49.1	8th	75.4	42.8	59.0	+1.0	58	
	Saran	Chupra	29.063	30.109	+0.089	WSW	83.7	75.5	10th	49.1	13th	73.9	47.5	60.7	-0.6	61	
		Dehree	29.816	30.103	+0.077	SSW	111.7	73.8	13th	48.0	9th	72.3	49.9	61.1	-0.2	63	
	Shahabad	Buxar	29.934	30.180	+0.074	WNW	101.2	75.4	10th to 13th Jan.	48.9	9th, 18th Jan.	74.8	46.9	60.1	-2.0	64	
		Arrah	29.952	30.181	+0.054	W, NW	61.4	73.8	10th	48.9	18th	73.6	44.8	59.7	-3.3	61	
	Gya	Gya	29.774	30.173	+0.035	NW	41.2	74.7	12th	45.9	13th	73.7	48.3	61.0	-1.5	61	
CHOTA NAGPORE.	Patna	Bankipore	29.996	30.189	+0.051	W	78.9	75.3	10th	45.7	13th	73.6	48.4	61.0	+0.9	61	
	South Bhagulpore	Bhagulpore	29.985	30.154	+0.038	W	50	74.4	16th	45.0	14th	73.4	47.1	60.3	-1.4	61	
	Monghyr																
	Sonthal Pergunnah	Doofnka	29.037	-	+0.016	NW	43.5	77.0	10th	44.2	13th	74.4	47.8	61.1	-1.3	61	
	Hazaribagh	Hammahagh	28.101	30.199	+0.089	N	148.5	70.4	10, 12, 13 Jan.	46.3	9th Jan.	68.4	47.3	57.9	-3.9	51	
Lohardagga	Ranchee	27.962	30.107	+0.080	NW	103.4	71.4	10th	45.4	9th	68.4	47.3	57.9	-3.9	51		
Manbhoom																	
Singbhoom	Chyebassa	25.348	-	+0.043	NE	19.2	77.5	8th	47.0	9th, 10th Jan.	76.1	69.7	65.9	-3.9	51		

* Means for six days.
 Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetic average or means of the readings during the same period for the year. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by C and an overcast sky by O. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question. The number in the district sending in returns divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.

DISTRICT OBSERVATIONS														Representative station	DISTRICT	METEOROLOGICAL DIVISION
RAINFALL											Average in 10 days	Normal at 10 days				
OF WEEK			Since 1st of month			Since 15th May 1887			Mean for district	Normal mean			Variation			
Average at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing station	Mean for district.	Normal mean.	Mean for district.	Normal mean	Variation	Mean for district.			Normal mean	Variation		Average in 10 days	Normal at 10 days	
61	0.1	Nil	-	-	-	-	-	-	-	-	-	-	Calicut	Pooner	ORIGINAL.	
62	0	Nil	Nil	0.03	Nil	0.04	0.04	43.37	51.31	-12.3	0.0	0.1	Calicut	Cuttack		
63	0	Nil	Nil	0.07	Nil	0.16	-0.10	44.87	51.4	-7.78	0.0	0.2	Calicut	Pattana		
64	0.4	Nil	Nil	0.07	Nil	0.16	-0.10	44.84	51.88	-12.34	0.0	0.2	Calicut	South-West Midnapore	SOUTH-WEST BENGAL.	
65	0	Nil	Nil	0.11	Nil	0.17	-0.17	58.28	62.3	-4.05	0.0	0.2	Saugur Island	South 24 Pargunnahs		
66	0.1	Nil	Nil	0.11	0.01	0.2	-0.2	56.47	61.30	-0.12	0.0	0.3	Midnapore	Midnapore		
67	0	Nil	Nil	0.11	Nil	0.1	-0.1	11.1	52.00	-11.1	0.0	0.2	Calcutta	Chittagong	SOUTH-WEST BENGAL.	
68	0	Nil	Nil	0.03	Nil	0.10	-0.10	1.04	46.49	1.1	0.0	0.2	Burdwan	Burdwan		
69	0	Nil	Nil	0.13	0.01	0.14	-0.14	44.35	52.19	-8.4	0.0	0.3	Bankura	Bankura		
70	0	Nil	Nil	0.15	0.05	0.22	0.17	17.14	51.3	1.1	0.0	0.3	Raniganj	West Burdwan	SOUTH-WEST BENGAL.	
71	0	Nil	Nil	0.16	0.02	0.2	-0.2	58.1	49.61	1.1	0.0	0.2	Chittagong	Chittagong		
72	0	Nil	Nil	0.04	Nil	0.12	-0.1	42.78	49.27	-0.1	0.0	0.1	Khulna	Khulna		
73	0	Nil	Nil	0.07	Nil	0.18	0.18	41.50	53.66	-12.16	0.0	0.2	Jessore	Jessore	SOUTH-WEST BENGAL.	
74	0	Nil	Nil	0.0	Nil	0.03	-0.03	36.1	111.25	-18.2	0.0	0.2	Chittagong	Chittagong		
75	0	Nil	Nil	0.03	Nil	0.17	0.17	11.1	82.00	-1.1	0.0	0.1	Chittagong	Chittagong Hill Tracts		
76	0	Nil	Nil	0.03	Nil	0.1	-0.1	53	77.97	1.1	0.0	0.3	Chittagong	Chittagong	SOUTH-WEST BENGAL.	
77	0	Nil	Nil	0.11	Nil	0.13	-0.1	7.17	111.56	-1.1	0.0	0.3	Chittagong	Chittagong		
78	0	Nil	Nil	0.07	Nil	0.16	-0.16	11.1	56.14	-1.1	0.0	0.1	Chittagong	Chittagong		
79	0.1	Nil	Nil	0.07	Nil	0.15	1.15	10.1	60.11	-0.1	0.0	0.1	Chittagong	Chittagong	SOUTH-WEST BENGAL.	
80	1.4	Nil	Nil	0.13	Nil	0.30	-0.30	0.1	71.16	-1.1	0.0	0.2	Chittagong	Chittagong		
81	0	Nil	Nil	0.10	Nil	0.17	-0.17	1.1	67.1	-1.1	0.0	0.2	Chittagong	Chittagong		
82	0	Nil	Nil	0.14	Nil	0.18	-0.18	60.18	70.11	1.1	0.0	0.1	Chittagong	Chittagong	SOUTH-WEST BENGAL.	
83	0	Nil	Nil	0.08	Nil	0.1	-0.1	11.00	11.67	-1.07	0.0	0.2	Chittagong	Chittagong		
84	0	Nil	Nil	0.18	Nil	0.31	-0.31	10.7	51.91	-1.8	0.0	0.2	Chittagong	Chittagong		
85	0	Nil	Nil	0.10	Nil	0.22	-0.2	46.61	51.61	-5.00	0.0	0.2	Chittagong	Chittagong	SOUTH-WEST BENGAL.	
86	0	Nil	Nil	0.10	Nil	0.11	-0.11	1.00	85.86	+13.20	0.0					

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. The normal means represent the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall the normal means are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisional stations.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of January 1888.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 18th May 1887.	Average rainfall from 18th May 1887 to date.
			Saturday, 7th January.	Sunday, 8th January.	Monday, 9th January.	Tuesday, 10th January.	Wednesday, 11th January.	Thursday, 12th January.	Friday, 13th January.	Number of rainy days.	Rainfall week.				
OPISEA	Pooree	Pooree	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	Nil	31'41	51'03
		Khurdah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'00	38'72	57'32
		Banpur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'03	30'00	51'04
		Paise Point	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'05	64'78	64'04
		Gop	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	28'34	?
		Pipti	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
	Cuttack	Jagatsingapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	81'38	47'75
		Barki	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	41'06	52'02
		Cuttack	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'03	48'88	56'29
		Kendrapara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'11	51'30	50'72
		Jajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	47'09	52'12
	Balasore	Dharmasalla	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42'09	?
		Salipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	50'31	?
		Chandbali	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	50'89	53'09
		Bhuddruck	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	42'76	51'90
		Sorah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'05	38'55	52'45
NORTH-WEST BENGAL.	Midnapore	Balasore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	48'77	58'11
		Jellapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'33	37'06	52'09
		Buripodah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'24	43'33	55'15
		Contai	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'15	48'82	61'88
		Saugor Island	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'15	70'12	66'76
	24 Pergunnahs	Tumlook	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	49'80	50'03
		Midnapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'28	46'22	48'89
		Ghatol	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'38	55'33	54'39
		Dowal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'37	?
		Herva	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'71	?
	Howrah	Bhanganpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42'02	?
		Garbeta	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	48'26	?
		Diamond Har- bour	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'22	55'01	58'33
		Canning Town	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	46'09	?
		Ajipore Jail	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'43	51'48	55'40
	Hooghly	Barnackpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	46'02	48'58
		Dum-Dum	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'27	40'65	51'06
		Buraset	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'23	57'83	50'21
		Buseerhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'21	51'18	54'47
		Howrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'25	37'34	51'18
	Burdwan	Meherpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'24	37'88	52'10
		Scrampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	34'00	50'81
		Hooghly	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'11	57'23	48'23
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'06	34'07	51'80
		Culna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'06	36'32	44'41
	Bankoora	Burdwan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'05	44'75	47'88
		Cutwa	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	51'16	47'14
		Rancegunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'03	0'14	45'71	49'01
		Mankur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	41'78	?
		Bankoora	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'25	43'33	51'84
	Bardhaman	Bishenpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	54'34	50'06
		Mahara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'07	48'68	49'62
		Khatra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'04	0'15	51'02	56'74
		Indas	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	39'83	?
		Kotalpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	43'85	?
	Bardhaman	Anda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	38'64	?
		Chandajalghati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	48'30	?
		Karpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'60	?
		Sonamukhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	35'01	?
		Bh. Soory	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'16	0'22	49'04	53'06
	Bardhaman	Hotampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'24	50'80	54'07
		Rampore Haut	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'25	44'38	50'06
		Bolpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	41'34	?
		Rudrahat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	38'68	47'14
		Kishaghar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	42'55	46'89
	Bardhaman	Chandamara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	41'04	51'32
		Meherpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'15	47'74	47'26
		Koushtea	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	43'03	54'07
		Satkhira	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	46'69	50'28
		Bagurhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'32	51'21	61'83
	Jessor	Khoolna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'27	42'80	58'29
		Narail	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'21	22'97	47'05
		Jessor	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'19	30'03	54'35
		Jhenidah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	42'53	54'04
		Mugoorah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	30'84	55'26
	Moorsheadabad	Bougong	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	55'45	51'13
		Kandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	46'67	50'85
		Berhampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'05	0'25	53'30	50'05
		Lalbach	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'05	66'77	48'46
		Azimungo	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'00	0'25	59'37	50'24
	Chittagong	Jungpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'27	62'68	47'00
		Lalga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'35	62'15	50'20
		Akhriganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'06	?	52'28	?
		Patlabari	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Cox's Bazar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	116'54	188'86
EAST BENGAL	Chittagong	Chittagong	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'07	75'53	94'21
		Kutubdia	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	78'67	?
		Satkanya	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	69'21	?
		Bangamati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	68'48	88'44
		Ruma	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'14	59'45	80'30
	Bakergunge	Patnakhally	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'31	66'62	88'45
		Perazopore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'38	68'60	84'28
		Burrisal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'31	66'64	82'53
		Bhola	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'28	65'67	84'29

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of January 1888—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1887.	Average rainfall from 15th May 1887 to date.
			Saturday, 7th January.	Sunday, 8th January.	Monday, 9th January.	Tuesday, 10th January.	Wednesday, 11th January.	Thursday, 12th January.	Friday, 13th January.	Number of rainy days.	of rainfall week.				
EAST BENGAL—contd.	Noakhally ..	Gournaddi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'02	?
		Bauphal ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	61'09	?
		Noakhally ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'30	72'44	100'47
		Fenny ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'50	72'88	100'33
	Furriedpore ..	Harishpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	73'43	?
		Ramganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	60'03	?
		Madaripore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'25	54'80	66'50
		Furriedpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'07	37'32	57'03
	Dacca ..	Goalundo ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	35'50	56'02
		Munshigunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'19	39'21	71'82
		Dacca ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'14	45'15	50'87
		Naraingunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'09	41'01	61'02
	Hill Tipperah ..	Manickgunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	54'88	61'04
		Joydepore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	50'87	?
		Agartola ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'28	42'31	62'41
		Comilla ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'32	48'15	77'47
	Tipperah ..	Chandpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'23	37'02	81'76
		Brahmunberia ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'36	39'59	62'59
		Ramchandrapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	37'08	?
		Nasirnagar ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36'14	?
	Mymensingh ..	Daudkandi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36'15	?
		Kasba ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	42'40	?
		Laksham ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	30'31	?
		Kishoregunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'31	57'88	70'11
	Pubna ..	Atia (Tangail) ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	39'94	55'94
		Mymensingh ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	68'70	74'07
		Jamulpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	62'51	65'03
		Netrokona ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'05	73'62	72'43
	Bogra ..	Subornakhally ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'74	?
		Durgapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	115'01	?
		Desanganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	70'05	?
		Pubna ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	37'71	54'09
	Bogra ..	Sarajgunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	50'25	52'04
		Sarjapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	47'82	58'89
		Nowkhilla ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	59'25	54'14
		Bogra ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'21	66'84	60'03
	Rashtabye ..	Panchbibi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	68'01	54'48
		Beaulah ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'26	51'05	52'71
		Nattora ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'30	47'19	56'73
		Naugach ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	62'32	?
	Maldah ..	Lalpor ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	31'09	?
		Manda ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	62'02	?
		Maldah ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	49'61	51'33
		Chanchal ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'23	43'44	57'07
	Dinagapore ..	Gajal ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'19	?
		Stoganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	52'82	?
		Mohadepore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	62'07	57'59
		Churamon ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'01	58'47	52'25
	Kaukapore ..	Kaukapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'14	73'20	66'41
		Kaukapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'14	50'14	62'17
		Kaukapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	61'28	60'05
		Kaukapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'13	67'46	61'18
	Jalpigore ..	Chabanda ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'11	124'71	115'39
		Alipore Doar ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	138'06	?
		Fallacotta ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	142'14	?
		Debtang ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	166'07	?
	Cooch Behar ..	Dinhata ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'03	0'04	101'20	84'24
		Cooch Behar ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'02	0'09	122'24	117'88
		Miekligunze ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	122'05	106'09
		Matubhanga ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'02	116'83	116'68
	Darjeeling Hill ..	Buxa ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'33	160'72	191'57
		Biliguri ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'02	107'51	101'24
		Darjeeling ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'14	0'19	114'36	109'52
		Kalimpong ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'06	0'02	86'30	79'05
	Purneah ..	Kissengunge ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	84'37	68'06
		Arrareah ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'18	66'58	63'16
		Purneah ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'08	60'28	60'06
		Gondwara ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
	North Bhagalpore ..	Belarampore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	66'05	?
		Matiari ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	81'18	?
		Kaliaganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	70'11	?
		Madadapore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'17	53'83	45'07
	Durbhanga ..	Boopool ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'10	54'10	47'20
		Protoganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	50'11	?
		Tajpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'37	44'43	45'04
		Durbhanga ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'16	52'27	45'14
	Mousherpore ..	Madhubani ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'26	55'10	44'10
		Itahera ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51'04	?
		Bohera ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'08	?
		Stamathi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'24	60'34	41'64
	Mousherpore ..	Mousherpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'27	43'16	45'21
		Hajipore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	37'22	41'34
		Pars ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	44'13	?
		Makus ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	35'41	?
	Lampara ..	Sinhar ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	41'01	?
		Papri ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	40'08	?
		Motihari ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'22	59'45	45'29
		British ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'15	39'30	38'83
	Barkur ..	Barkur ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	59'16	?
		Barkur ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	36'01	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of January 1888. - *concl'd.*

Meteorological Division.	District.	Station.	RAINFALL							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1887.	Average rainfall from 15th May 1887 to date.
			Saturday, 7th January.	Sunday, 8th January.	Monday, 9th January.	Tuesday, 10th January.	Wednesday, 11th January.	Thursday, 12th January.	Friday, 13th January.	Number of rainy days.	Rainfall of week.				
NORTH BHAR - <i>concluded.</i>	Narad	Gopalgunge.								Nil	Nil	Nil	0.04	11.89	41.74
		Bawan								Nil	Nil	Nil	0.11	38.94	43.65
SOUTH BHAR	Shahabad	Chunar								Nil	Nil	Nil	0.25	37.27	40.18
		Buxa								Nil	Nil	Nil	0.43	33.56	38.51
		Dante								Nil	Nil	Nil	?	37.46	?
		Rohasah								Nil	Nil	Nil	0.45	40.74	40.16
		Samsarin								Nil	Nil	Nil	0.18	35.44	40.67
		Ayrah								Nil	Nil	Nil	0.33	40.95	39.50
		M. h. m. a.								Nil	Nil	Nil	?	?	?
	Gya	Aurungabad								Nil	Nil	Nil	0.12	29.23	42.70
		Gya								Nil	Nil	Nil	0.15	42.15	42.11
		Nowadah								Nil	Nil	Nil	0.14	35.17	39.71
		Johannabad								Nil	Nil	Nil	0.33	44.01	40.43
		Arwal								Nil	Nil	Nil	?	39.21	?
		Dandnagar								Nil	Nil	Nil	?	27.11	?
		Sherrphat								Nil	Nil	Nil	?	37.75	?
		Kajauli								Nil	Nil	Nil	?	27.41	?
		Pakra Barawan								Nil	Nil	Nil	?	21.43	?
										Nil	Nil	Nil	0.01	36.37	42.06
	Patna	Patna								Nil	Nil	Nil	0.24	37.56	41.11
		Dumapore								Nil	Nil	Nil	0.22	34.61	41.81
		Behar								Nil	Nil	Nil	0.15	35.71	39.00
		Katni								Nil	Nil	Nil	?	30.75	?
		Bickram								Nil	Nil	Nil	?	33.55	?
	Monsi	Begonia								Nil	Nil	Nil	0.15	48.80	39.17
		Monsi								Nil	Nil	Nil	0.11	46.65	46.15
		Jamui								Nil	Nil	Nil	0.10	39.09	42.02
		Gyara								Nil	Nil	Nil	?	42.03	?
		Sheikhpura								Nil	Nil	Nil	?	28.18	?
	South Benar	Bhukul, to								Nil	Nil	Nil	0.11	40.89	42.00
		banka								Nil	Nil	Nil	0.21	39.55	41.71
		A. ngong								Nil	Nil	Nil	?	43.27	?
	Sinhali Per-	Raichak								Nil	Nil	Nil	0.02	67.78	51.40
		guntah								Nil	Nil	Nil	0.10	40.16	44.10
		Pakur								Nil	Nil	Nil	0.08	77.63	51.10
		Nya Doo nka								Nil	Nil	Nil	0.04	41.82	51.11
		Booghur								Nil	Nil	Nil	0.11	40.74	40.92
		Jamui								Nil	Nil	Nil	0.17	53.80	49.11
		Namra								Nil	Nil	Nil	?	?	?
		Namrat								Nil	Nil	Nil	?	96.54	?
CHUTIA NAG	Hazaribagh	Pachaliba								Nil	Nil	Nil	0.20	41.17	47.11
		(Gurda)								Nil	Nil	Nil	0.11	46.04	47.84
		Hazaribagh								Nil	Nil	Nil	0.45	44.77	46.11
		S. m. g. m. g.								Nil	Nil	Nil	0.21	47.25	47.11
		Amudi Hill								Nil	Nil	Nil	0.18	57.10	62.00
		Jho mrah Hill								Nil	Nil	Nil	0.74	99.15	?
		Bara								Nil	Nil	Nil	1.21	49.01	?
		Chakra								Nil	Nil	Nil	?	70.16	?
		Karagicha								Nil	Nil	Nil	?	50.34	?
		Kamghar								Nil	Nil	Nil	?	?	?
	Lohardugga	Lohardugga								Nil	Nil	1.76	?	55.43	?
		Katni								Nil	Nil	0.72	0.41	67.15	51.11
		Pakur								Nil	Nil	0.80	0.22	49.08	44.00
		Silla								Nil	Nil	Nil	?	12.06	?
		Batumat								Nil	Nil	Nil	?	14.08	?
		Hosseinabad								Nil	Nil	Nil	?	51.04	?
		Gaisan								Nil	Nil	0.85	?	?	?
										Nil	Nil	Nil	?	?	?
	Singbhoom	Chyenassa								Nil	Nil	0.00	0.20	49.69	51.11
		Chakradhar								Nil	Nil	0.64	?	37.65	?
		Chakradhar								Nil	Nil	Nil	?	53.40	?
		Chakradhar								Nil	Nil	Nil	?	38.64	?
	Manbhoom	Purulia								Nil	Nil	0.13	0.08	44.24	48.71
		Gubindpore								Nil	Nil	0.10	0.20	28.63	15.11
		Raghunath-								Nil	Nil	0.17	?	37.03	?
		pore.								Nil	Nil	Nil	?	40.02	?
		Barrabhoon								Nil	Nil	Nil	?	?	?
		Juanda								Nil	Nil	Nil	?	?	?
		Chas								Nil	Nil	0.11	?	?	?

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 17th January 1888.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 13TH OF
JANUARY 1888.**

The weather throughout the province during the past week has been uniformly fine, with clear skies and light cool northerly or westerly winds. The barometer was unusually high at the commencement of the week, and fell steadily until the end of the week. Last week's report showed that it had risen equally steadily during the previous week. The barometric changes of the past fortnight have hence been due to a prolonged oscillation, and were probably produced by a slow vertical oscillatory movement in the atmosphere of the same period. As the total barometric change was as large at Darjeeling as in the plains of Bengal, the atmospheric movement must have extended to a very considerable elevation. It frequently happens that the last day or two of a period of falling barometer in the cold weather is accompanied with, or followed by, the formation of cloud and by increasing temperature. The present has been a partial exception, as skies were cloudless over the plains throughout the week, although they clouded over at Darjeeling on Friday. Temperature also decreased in Bengal, but rose slightly in Behar and Chutia Nagpur, and also considerably at Darjeeling.

Barometer.—Pressure decreased steadily from the beginning to the end of the week. The total fall averaged $\cdot 15''$ in Orissa, $\cdot 18''$ in Bengal, $\cdot 22''$ in Behar, $\cdot 23''$ in Chutia Nagpur, and was $\cdot 19''$ at Darjeeling. Notwithstanding this large fall, the mean pressure of the week was above the normal by amounts which varied considerably, but which averaged $\cdot 05''$ for the Province.

Temperature.—Diminished during the week in Orissa and Bengal. The largest decrease occurred at the stations of Calcutta and Jessore, at which the mean daily temperature at the end of the week was 5° lower than at the beginning of the week. The decrease in Orissa and Bengal averaged 3° . It increased on the other hand at Darjeeling (4°) and also slightly (from 1° to 3° , in Behar and Chutia Nagpur. The lowest night temperatures during the week were registered at Motihari ($40\cdot 1^{\circ}$) and Arrah and Buxar ($43\cdot 9^{\circ}$), and the highest day temperatures at Comilla ($83\cdot 4^{\circ}$) and Cuttack ($82\cdot 8^{\circ}$). The mean temperature was below the average in Chutia Nagpur (3°), South Behar and Orissa ($1\frac{1}{2}^{\circ}$), and South-West Bengal ($\frac{1}{2}^{\circ}$), and above it in East Bengal (2°) and North Bengal ($1\frac{1}{2}^{\circ}$). As is generally the case in periods of diminished temperature in the cold weather, the effect was more strongly shown in the night than the day temperatures.

Winds.—Blew steadily during the week from their ordinary cold-weather directions. They decreased in force during the week, and were very light and feeble on Friday.

Humidity and rain.—The humidity of the air varied little during the week. There was a slight increase on the last day or two, chiefly in North Bengal and Behar. Skies were cloudless throughout the month in the plains, and no rain fell in either the plains or hill districts of Bengal.

Table shewing the excess or defect of the actual temperature from the normal for the week ending 13th January 1888.

	Normal mean maxi- mum tem- perature for the week ending 13th January.	Actual mean maxi- mum tem- perature for the week ending 13th January 1888.	Variation of the actual from the normal mean.	Normal mean mini- mum tem- perature for the week ending 13th January.	Actual mean mini- mum tem- perature for the week ending 13th January 1888.	Variation of the actual from the normal mean.	Normal mean daily tempera- ture for the week ending 13th January.	Actual mean daily tempera- ture for the week ending 13th January 1888.	Variation of the actual from the normal mean.
Cuttack	84.0	82.0	-2.0	58.7	56.4	-2.3	71.4	69.2	-2.2
Calcutta	70.3	75.9	+5.6	54.7	53.7	-1.0	65.5	61.8	-3.7
Dacca	77.0	79.2	+2.2	53.8	54.6	+0.8	65.3	65.9	+0.6
Burdwan	77.7	77.2	-0.5	54.2	53.0	-1.2	66.0	65.1	-0.9
Patna	71.9	73.6	+1.7	48.3	48.4	+0.1	60.1	61.0	+0.9
Gya	74.6	73.7	-0.9	50.4	48.3	-2.1	62.5	61.0	-1.5
Purneah	74.7	74.3	-0.4	48.0	45.9	-2.1	61.4	60.1	-1.3
Hazaribagh	73.2	68.4	-4.8	49.4	47.3	-2.1	60.8	57.9	-2.9
Darjeeling	45.8	49.5	+3.7	35.9	37.0	+1.1	40.9	43.3	+2.4

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 13th of January 1888:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.		Since 1st of month.		Since 15th May 1887.		
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	82.8	49.4	78.5	55.9	67.2	-1.6	Nil	0.16	-0.06	0.0	0.2	-0.2	Nil	0.11	43.42	51.04
South-West Bengal ..	80.3	46.9	78.6	72.5	61.5	0	Nil	0.11	-0.11	0.0	0.2	-0.2	0.01	0.19	46.72	52.61
East Bengal	80.4	49.1	78.4	56.2	65.8	+1.1	Nil	0.09	-0.09	0.0	0.3	-0.1	Nil	0.22	55.80	74.32
North Bengal	79.4	44.0	71.2	50.3	63.4	+1.5	Nil	0.11	-0.11	0.0	0.2	-0.2	0.01	0.16	73.61	69.77
North Behar	77.7	40.1	74.2	47.0	60.6	-1.1	Nil	0.14	-0.14	0.0	0.3	-0.1	Nil	0.20	52.07	48.10
South Behar	77.0	43.9	75.5	47.4	60.5	1.1	Nil	0.16	-0.16	0.0	0.3	-0.3	0.04	0.20	41.89	48.72
Cuttack Nagpur . . .	71.4*	45.5*	68.5*	47.4*	57.9*	-1.0*	Nil	0.17	-0.17	0.0	0.2	-0.2	0.30	0.19	41.88	49.12

* Chyobassu not included.

METEOROLOGICAL OFFICE, BENGAL:

JOHN ELIOT,

The 17th January 1888 for Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 8th to 14th January 1888.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1888		°	°	°	°	°	Inches.	°	%	Inches.
January	... 8th ...	65.2	76.7	20.8	55.9	57.3	.366	55.1	58	Nil.
"	... 9th ...	63.5	77.9	27.2	50.7	57.3	.389	52.0	66	"
"	... 10th ...	64.3	78.9	27.0	51.9	58.1	.401	52.8	67	"
"	... 11th ...	64.4	77.7	25.7	62.0	57.5	.384	51.6	63	"
"	... 12th ...	63.6	76.9	26.0	50.9	56.4	.361	50.0	61	"
"	... 13th ...	63.5	76.9	26.8	50.1	56.3	.360	49.9	61	"
"	... 14th ...	54.0	77.9	27.0	50.9	57.1	.377	51.1	68	"

The mean temperature of the seven days ... 64.1
The extreme variation of temperature ... 28.8
The maximum temperature ... 78.9
The mean relative humidity ... 63
The total fall of rain from 8th to 14th January 1888 ... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

JOHN ELIOT,

The 16th January 1888.

Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

During the week ending 24th December 1887, the returns of the principal Municipalities in Bengal disclose the following particulars:—

1. That births and deaths were registered in these Municipalities at the rates, respectively, of 23 and 29·5 per 1,000 of population as opposed to 26·6 and 36·5 per 1,000, respectively, during the preceding week ending 17th December, indicating a considerable reduction in the registration of both.

2. That the following Municipalities returned the highest proportions of births and deaths:—

<i>Births.</i>			<i>Deaths</i>		
		Ratio per mille.			Ratio per mille.
Narainganj	...	49·7	Beauleah	...	76·2
Monghyr	...	41·3	Suburbs of Calcutta	...	62·6
Beauleah	...	42·0	Purneah	...	48·5
Utterpara	...	37·8	Durbhanga	...	41·1
Serampore	...	37·3	Narainganj	...	41·4
Durbhanga	...	35·4	Serampore	...	41·2
Howrah	...	32·1	Kishnagar	...	37·9
Arrah	...	29·9	Utterpara	...	37·8

3. That the principal diseases specified in the following table proved fatal at the rates exhibited below:—

				Ratio per mille during the weeks ending—	
				24th Dec 1887.	17th Dec 1887.
Cholera	...	...	...	4·0	5·5
Small pox	...	...	...	1	0·3
Fever	...	...	...	12·1	15·6
Bowel-complaints	...	...	...	5·5	6·6
Injury	...	...	...	2	4
Other causes	...	...	...	7·6	8·9

indicating, in comparison with the outcome of the preceding week ending 17th December, a noticeable decrease in the death-rates from cholera, fever and the maladies classed under the head of "Other causes," and no material differences in the fatal results from the other diseases.

4. That while bowel-complaints proved fatal only in Suburban Municipality at the high rate of 14·1 per 1,000 of population, and the deaths from small-pox and violence were nowhere noticeably large, the other diseases enumerated above caused the highest mortality in the towns mentioned below:—

<i>Cholera.</i>		<i>Fever.</i>		<i>Other causes.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Narainganj	16·6	Beauleah	63·1	Serampore	19·6
Durbhanga	12·6	Purneah	45·0	Suburbs of Calcutta	16·7
Suburbs of Calcutta	10·9	Kishnagar	30·3	Puri	12·6
Bhagulpore	10·9	Suburbs of Calcutta	20·5	Beauleah	10·4
Howrah	2·3				

5. That the death-rates in relation to *Sex*, *Class* and *Age*, were returned at the rates indicated below:—

<i>According to Sex.</i>		<i>According to Class.</i>		<i>According to Age.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	31·2	Christians	39·1	Under 1 year	16·8
Females	27·5	Hindus	30·4	1 and under 5 years	14·6
Ratio of male deaths to every 100 female deaths	128	Mahomedans	27·2	5 " 10 "	19·4
		Budhists	24·2	10 " 15 "	8·1
				15 " 20 "	21·9
				20 " 30 "	21·1
				30 " 40 "	21·9
				40 " 50 "	29·2
				50 " 60 "	31·1
				60 years and upwards	58·8

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 11th January 1888

MORTALITY ACCORDING TO--

[illegible]

MORTALITY ACCORDING TO—

Age.

NAMES OF MUNICIPALITIES.

Class.

DEATHS AMONG—

DEATHS.

RATIO PER 1,000 OF POPULATION PER ANNUM.

RATIO PER 1,000 OF POPULATION PER ANNUM.

	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 and under 70 years.	70 years and up.
Burdwan	6	13.2	20.3	...	...	1	...	...	...	...	...	...	...	...	...	...
Midnapore	1	18.0	21.6	...	...	1	...	...	...	...	...	...	...	...	...	...
Hughli and Chinsurah	17	27.9	22.9	...	...	6	...	...	...	...	...	...	...	...	...	...
Serampore	10	30.1	110.9	...	...	4	...	...	...	...	...	...	...	...	...	...
Utterpara	4	39.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Howrah	1	27.5	20.3	...	...	...	...	...	...	...	...	...	...	...	...	...
Bali	4	15.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suburbs of Calcutta	5	62.2	67.3	...	...	...	...	...	...	...	...	...	...	...	...	...
Kishinagar	1	91.7	44.7	...	...	...	...	...	...	...	...	...	...	...	...	...
Kanaghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Santipore	4	10.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore	...	...	27.2	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahye	10	52.5	100.7	...	...	...	...	...	...	...	...	...	...	...	...	...
Darjiling	1	11.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	20	25.5	6.0	...	...	...	...	...	...	...	...	...	...	...	...	...
Naraingonke	8	65.8	10.9	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	1	65.3	10.2	216.7	...	...	...	...	...	...	...	...	...	...	...	...
Tipperah	...	...	32.2	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna City	44	19.2	7.6	...	...	...	...	...	...	...	...	...	...	...	...	...
Gya	25	21.6	9.7	...	...	...	...	...	...	...	...	...	...	...	...	...
Arrah	7	11.8	8.4	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzafferpore	2	34.0	4.2	...	...	...	...	...	...	...	...	...	...	...	...	...
Durbhanga	41	44.0	4.4	...	...	...	...	...	...	...	...	...	...	...	...	...
Chupra	...	10.1	17.2	...	...	...	...	...	...	...	...	...	...	...	...	...
Bhagalpore	26	34.7	12.1	...	...	...	...	...	...	...	...	...	...	...	...	...
Monghyr	13	15.1	12.1	...	...	...	...	...	...	...	...	...	...	...	...	...
Purneah	10	50.7	30.7	...	...	...	...	...	...	...	...	...	...	...	...	...
Puri	13	27.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	9	30.1	37.7	24.2	...	...	...	...	...	...	...	...	...	...	...	...

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 11th January 1888.

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

NUDDEA RIVERS.

Statement showing quantities of Goods carried during the month of November 1887.

Number of boats or rafts	DESCRIPTION	TOTAL GOVERNMENT AND PRIVATE				PRIVATE		REMARKS
		Quantity Tons			Value	Quantity	Value	
		Up	Down	Total	Rupies	Tons	Rupies	
619	1. Grain	199	7 680	7,879	3,67,55	7,879	3,67,555	
	2. Cotton				16		16	
211	3. Oilseeds	50	2,740	2,790	2,86 86	2,790	2,86 863	
418	4. Salt	3,609	..	3,609	3,02,912	3,609	3,02,912	
..	5. Piece-goods							
37	6. Metal	203	12	215	83,830	215	83,830	
45	7. Building materials	103	185	288	16,258	288	16 258	
1 117	8. Miscellaneous	2,533	7,357	9,890	16,07,371	9 890	16,07,371	
69	9. Fuel	442	100	542	4,107	542	4,107	
19 rafts	10. Timber	4 1 c ft	5 656 c ft	6,110 c ft	5 66	6 110 c ft	5 667	
9 "	11. Bamboos	..	5,500 "	5,500 "	55	5 500 "	550	
2 516 & 28 rafts	12. Total	{ 7,139 & 451 c ft	{ 18,071 & 11 156 c ft	{ 25,213 & 11,610 c ft	{ 26,75,12	{ 25,213 & 11 610 c ft	{ 26,75,129	
2,672 & 16 rafts	13. Total of same month last year	{ 8,089 & 130 c ft	{ 18,062 & 7,559 c ft	{ 26,151 & 7,689 c ft	{ 26,21,420	{ 26 111 & 7,689 c ft	{ 26,21,420	
		Up	Down	Total	Rs. A. P.			
14. Total number of boats plying cargo		945	1,571	2,516	Total tollage of month— 24+25+26			
14A. Ditto empty boats, steamers, &c.		826	53	879	13,817 3 3			
15. Total number of boats plying passenger		934	916	1,900	Total tollage of same month last year			
15A. Empty boats		70	21	94	14,831 11 0			
16. Total registered tonnage, cargo		18,957	37,073	56,030	Memorandum of Tollage.			
17. Total registered tonnage, passenger		666	416	1,112				
18. Ton mileage					Rs. A. P.			
19. Estimated value of cargo Rs.		10,25,806	16,13 106	26,68,912				
20. Number of passengers		3,384	4,722	8 106	1. Balance not recovered on the 1st of the month			
21. Rafts, bamboos c ft.		..	5 500	5 500	.. 872 11 2			
22. Do., bullahs "		454	5 656	6,110	2. Tollage per month			
23. Estimated value of rafts Rs.		702	5 515	6,217	.. 13,817 3 3			
24. Tollage on boats Rs.		4 727-5-0	9,009 8 0	13,736 13-0	3. Total			
25. Compounded tollage on boats - Rs.					.. 14,689 14 5			
26. Tollage on rafts "		3-6-0	77-0-3	80-6-3	4. Amount paid into Treasury during the month			
27.* Total tollage on boats per ton mile		..	.....	..	.. 13,493 12 8			
28. Ditto on rafts per 100 cubic feet		..	.....	1.3 pie	5. Balance due at the end of the month			
					.. 1,196 1 9			

*

* Boats in these rivers do not pay per mile

Abstract for the month of November 1887, as compared with the corresponding month of the previous year.

	1887-88.		1886-87.	
	During the month.		During the month.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Tollage	13,817 3 3	1,58,704 15 6	14,831 11 0	1,62,245 0 0

CALCUTTA,
The 17th January 1888.A. D. McARTHUR, Major, R.E.,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 14th January 1888, as compared with the corresponding week of the previous year.

NATURE OF CARGO			WEEK ENDING SATURDAY, THE 14TH JANUARY 1888.			WEEK ENDING SATURDAY, THE 15TH JANUARY 1887.		
			Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
			No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	...	...	2,098	4,09,450	7,247	1,612	2,80,771	4,951
Jute	...	...	153	1,17,900	1,964	116	56,450	1,262
Firewood	...	..	137	73,275	1,232	136	66,300	1,008
Other articles	...	..	1,009	2,24,912	3,295	989	2,58,395	4,144
Total	..	..	3,397	8,25,567	13,738	2,853	6,61,916	11,365

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ended 26th November 1887 as compared with the same period of 1886

STAPLES	1887		1886		Increase		Decrease	
	Weight	Freight	Weight	Freight	Weight	Freight	Weight	Freight
	Mds	Rs.	Mds	Rs.	Mds	Rs.	Mds	Rs.
ANIMALS LIVING	No		No		No		No	
FOR SALE	7 7	1 38	11 7	9 84	100	14	176 6	
Horses ponies and mules	3 1	8 1	8 1	18	183	176 6		
Cattle	4 99	1	3 470	2 94	1	810		
Sheep and goats								
Other kinds								
MINERAL								
Coal	2 161	1 10	330	211	18 1	1 01		
Oil	4	5	5	7			12	1
China and rattans							1	1
Caoutchouc (Indian rubber)								
Chinese and Japanese wares	43	81	3	4	11	30		
Coal and coke up	5 041 1	10 3	5 649 3	2 11 77	11 11	1 10	1 810	47 720
Ditto down	19 7 94	20 1 1	17 1 13	2 1 11			1 84 071	1 36 314
Cotton, raw	70	1 3	1 3	2 0 7			40	282
COTTON MANUFACTURES								
Twist and yarn (foreign)	8 1	1 88	9 87	12 80			1 003	
Do ditto (Indian)	21 3	1 7	1 308	1 1 1			1 011	
Other goods (foreign)	1 8 01	1 3	1 3 08	1 1 1 1			740	1 145
Ditto (Indian)	1 1	1	31 1	1 1 1			217	220
Asafetida	1 1	1	7 1	1 1	11	283		
Other articles not mentioned	1	1 8	1 18	2 1 1			13	
DRUGS AND MEDICINES								
Intoxicating drugs (foreign)	1 1	1 1	1 1	1 1				
Opium and its preparations								
Ginseng and ginseng	1 1	1 1	1 1	1 1				
DYING MATERIALS								
Indigo	1 1	1 1	1 1	1 1				
Ma derer manjit	1 1	1 1	1 1	1 1				
Saffron	1 1	1 1	1 1	1 1				
Other kinds	1 1	1 1	1 1	1 1				
PORCELAIN AND CERAMICS								
Porcelain	1 1	1 1	1 1	1 1				
Other kinds	1 1	1 1	1 1	1 1				
FIBROUS PRODUCTS								
Do ditto (foreign)	7 1	1 1	1 1	1 1				
Do ditto (Indian)	1 1	1 1	1 1	1 1				
Other kinds	1 1	1 1	1 1	1 1				
FRUITS & NUTS								
Almonds	1 1	1 1	1 1	1 1				
Other kinds	1 1	1 1	1 1	1 1				
GRAIN & PULSES								
Wheat	1 1	1 1	1 1	1 1				
Other kinds	1 1	1 1	1 1	1 1				
GOVERNMENT RESOURCES								
Gums and resins	1 1	1 1	1 1	1 1				
HIDES & SKINS								
Hides of cattle	1 1	1 1	1 1	1 1				
Small animals	1 1	1 1	1 1	1 1				
HORNS								
Do ditto	1 1	1 1	1 1	1 1				
LAC								
Do ditto	1 1	1 1	1 1	1 1				
LEATHER								
Do ditto	1 1	1 1	1 1	1 1				
LIQUORS								
Do ditto	1 1	1 1	1 1	1 1				
METALS AND MANUFACTURES								
Brass and copper	1 1	1 1	1 1	1 1				
Other metals	1 1	1 1	1 1	1 1				
OILS								
Do ditto	1 1	1 1	1 1	1 1				
PAINTS AND COLOURS								
Do ditto	1 1	1 1	1 1	1 1				
PROVISIONS								
Do ditto	1 1	1 1	1 1	1 1				
RAILWAY MATERIALS								
Do ditto	1 1	1 1	1 1	1 1				
SALT								
Do ditto	1 1	1 1	1 1	1 1				
WALLPAPER & CLOTH								
Do ditto	1 1	1 1	1 1	1 1				
SEEDS								
Do ditto	1 1	1 1	1 1	1 1				
SILK								
Do ditto	1 1	1 1	1 1	1 1				
SPICES								
Do ditto	1 1	1 1	1 1	1 1				
STONE AND MARBLE								
Do ditto	1 1	1 1	1 1	1 1				
SUGAR								
Do ditto	1 1	1 1	1 1	1 1				
TEA								
Do ditto	1 1	1 1	1 1	1 1				
TOBACCO								
Do ditto	1 1	1 1	1 1	1 1				
WOOD								
Do ditto	1 1	1 1	1 1	1 1				
WOOL								
Do ditto	1 1	1 1	1 1	1 1				
ALL OTHER ARTICLES OF MERCHANTABLE								
Total	70,64 108	21 41 023	70 06,740	24 20, 833	13 18 10	3 31, 447	7,91,0 2	4,14 387

*General remarks on the fluctuation of principal staples carried over the East Indian Railway
during the month ended 26th November 1887*

INCREASES

Coal and coke—There was a decrease in the upward traffic and an increase in the downward despatches, the former was due to limited despatches to foreign railways, and the latter to despatches to the Eastern Bengal State Railway stations over the Jubilee Bridge.

Indigo—This increase was due to an abundant crop in India.

Jute, raw—Due to short land traffic from the Eastern Bengal via the Jubilee Bridge.

Gunny—This increase is attributable to despatches to up-country stations for linseed.

Fruits, other kinds—The increase was principally in despatches from Sialkote and Digheghat, and in fruits despatched by Calcutta traders via Ghazipur.

Gram and Pulses—Due to despatches from North Western Provinces, Dhule, Cawnpore and Meerut owing to scarcity at these places.

Other grain and spring crops—This increase is due to despatches to up-country stations to meet demands caused by a partial failure of the crops.

Rice (husked and unhusked)—There was a decrease in weight carried but an increase in earnings, the former is due to lesser demand in Calcutta for shipment, and the latter to long lead traffic despatched to up-country stations owing to the partial failure of crops.

Iron—The increase was chiefly in despatches from Howrah owing to better demands up-country.

Oil—The increase was chiefly in kerosine oil from Howrah.

Opium—Due to despatches from Lahore and via Ferozpur in accordance with the arrangements for sale in Calcutta made by Government.

Seeds—The increase was chiefly in linseed to Calcutta for shipment.

Sugar, refined and unrefined—The increase was principally in despatches of sugar from certain stations in the Dinapore district, stations on the Gaya line, from Ghazipur and from the Oudh and Lucknow Railway via Mughalsarai and Azamgarh to Howrah Great Indian Peninsula and Bombay Boreland Central India railways.

Piece goods, European—There was a decrease in weight carried, but a slight increase in earnings.

DECREASES

Cotton—The falling off in this staple is due to this year's crops having been the poor and late.

Other fibres, raw—This decrease is in continuation of that reported last month and was almost exclusively in hemp from Allahabad.

Wheat—Due to stocks being exhausted.

Railway Material Foreign—There was a decrease in earnings and an increase in weight carried, the decrease was in the long distance traffic from Howrah and the increase was in the short distance traffic for the Indian Midland Railway from Jabulpore to Marikpur.

Salt—The decrease was principally in the despatches from Howrah which showed a heavy increase in November 1887 as compared with 1885.

N. ST. L. CARTER, Traffic Manager

TRAFFIC MANAGER'S OFFICE, CALCUTTA the 13th January 1888

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of November 1887, as compared with the same month of the previous year.

STAPLES	1886		1887		1886	1887	Increase	Decrease
	Up	Down	Up	Down	Total	Total		
I—Coal	540		529		540	529	11	
II—Cotton raw	10		10		10	10		
III—Cotton twist and yarn—								
1—European	1		2		1	2	1	
2—Indian			1			1	1	
IV—Cotton piece goods—								
1—European								
a—in bales and bundles	54	3	34	1	57	35		22
2—Indian								
a—in bales and bundles	2	1	3		3	3		
V—Drugs and chemicals—								
2—Non-antiseptic—			1			1	1	
b—Others								
VI—Dyes and colours—								
1—Indigo		2			2			2
X—Jute—								
1—Raw		1			1			1
2—Gunny-bags and cloths	19	3	10	1	21	11		10
VII—Grains								
2—Rice	15	254	24	353	269	377	108	
4—Gram	1				1			1
5—Others	15	7	3	8	22	11		11
VIII—Hides and skins—								
1—Hides of cattle—								
a—Dressed				1		1	1	
b—Undressed	1			3	1	3	2	
2—Skins of sheep, goats and small animals								
a—Dressed				1		1	1	
XII—Leather manufactured	4		6		4	6	2	
XIII—Liquors—								
1—Beer			1			1	1	
2—Wines	1		1		1	1		
XIV—Metals—								
4—Iron	3		2		3	2		1
6—Others	4	2	1	2	6	3		3
XV—Oils—								
2—Kerosene	1		1		1	1		
3—Others	1		1		1	1		
XIX—Provisions—								
1—Ghee	7		3		7	3		4
2—Dried fruits and nuts	5	1	5		6	5		1
3—Others	1				1			1
XX—Railway plant and rolling stock	20	16	19	17	36	36		
XVI—Salt	27		26		27	26		1
XVI—Oilseeds—								
Mustard and rape	13	1	23	1	14	29	15	
7—Others	7				7			7
XXIII—Silk raw—								
2—Indian	33	8	5	6	41	11		30
XXIV—Silk piece goods—								
2—Indian	1	6		6	7	6		1
XXV—Stone and lime								
XXVI—Sugar—								
1—Dressed	14		12		14	12		2
2—Undressed	2		4		2	4	2	
XXX—Tobacco			1	3		4	4	
XXVII—Wool—								
2—Piece goods—								
b—Indian	5		2		5			3
XXVIII—Paper and pasteboard	1		3		1	3	2	
XXXIII—All other articles of merchandise	98	21	55	27	51	82	23	
Total	85	326	802	430	1,151	1,232	185	81

INCREASE

Grains—(2) Rice

Tons.
108

The increase in this staple is due to greater despatches from intermediate stations owing to good crops this year and greater demands.

Oilseeds—(2) Mustard and rape

16

This increase is due to greater demands in the market.

DECREASE.

Piece goods—(1) European

22

The piece goods for Khagra, Berhampur and Gorabazar are carried by the steamer that plies between Calcutta and Jeaganj and hence the decrease.

Silk, raw—(2) Indian

30

This decrease is due to the sericulture not having been brought to Azimganj as last year.

Nalhati, the 7th January 1888.

R. G. MOOKERJEE, Manager, Nalhati State Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY

Approximate Return of Traffic for week ended 7th January 1888 on 151½ miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC IN TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs A P	Mds S	Rs A P	Rs A P	Rs A P			
Total traffic for the week Or per mile of railway For previous weeks of half-year	230,279	270,674 11 1* 178 13 0	28,15,548 10	6,71,765 12 0 113 12 5	6,79,714 0 1, 6 6	9,62,738 5 0 6,33 15 11	64,212½	106,880	171,092½
Total for 1 week	230,279	270,674 11 0	28,15,548 10	6,71,765 12 0	6,79,714 0	9,62,738 5 0	64,12½	106,880	171,092½
COMPARISON.									
Total for corresponding first eight days of previous year	229,181½	261,614 11 8	20,95,916 10	7,79,790 9 6	22,003 1 10	10,63,408 7 0	73,150	123,47½	196,838
Per mile of railway corresponding period of previous year		172 10 11		514 11 5	14 8 5	701 14 9			
Total to corresponding date of previous year	229,181½	261,614 11 8	20,95,916 10	7,79,790 9 6	22,003 1 10	10,63,408 7 0	73,150	123,47½	196,838

* The increase in coaching traffic is partly due to the running of special and express trains and partly to the Mugh Mela at Allahabad.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No XXI, Railway, dated 23rd July 1883

RECEIPTS FOR FIRST EIGHT DAYS OF JANUARY 1887			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH JANUARY 1887			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888			Total increase in 1888	Total decrease in 1888
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
	Rs	Rs		Rs	Rs		Rs	Rs		Rs	Rs		Rs
1,815	10,63,408	702	1,51½	9,62,738	638	1,715	3,53,47,326	581	1,51½	3,44,10,421	57		0,41,906

PATNA-GYA STATE RAILWAY

Approximate Return of Traffic for week ended 7th January 1888 on 57½ miles open

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC IN TRAIN MILES RUN		
	Number of passengers	Coaching receipts	Weight carried	Receipts			Coaching	Merchandise	Total
		Rs A P	Mds S	Rs A P	Rs A P	Rs A P			
Total traffic for the week Or per mile of railway For previous weeks of half-year	12,967 227	6,591 5 0 115 8 8	30,415 30 531 30	1,897 2 0 33 2 5	90 14 0 0 8 8	8,519 5 0 148 15 0	1772		2,304
Total for 1 week	12,967	6,591 5 0	30,415 30	1,897 2 0	90 14 0	8,519 5 0	1772		2,304
COMPARISON.									
Total for corresponding first eight days of previous year	13,111	6,378 12 4	49,370 20	3,400 3 0	40 7 3	9,808 6 7	1,911	825	2,736
Per mile of railway corresponding period of previous year	229	111 2 8	845 30	69 9 7	0 11 4	171 7 7			
Total to corresponding date of previous year	13,111	6,378 12 4	49,370 20	3,400 3 0	40 7 3	9,808 6 7	1,911	825	2,736

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No XXI, Railway, dated 23rd July 1883

RECEIPTS FOR FIRST EIGHT DAYS OF JANUARY 1887.			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH JANUARY 1887			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888			Total increase in 1888	Total decrease in 1888
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
67½	3,808	171	67½	8,419	149	67½	4,12,407	180	67½	3,81,340	169		20,061

DILDARNAGAR-GHAZIPUR STATE RAILWAY

Approximate Return of Traffic for week ended 7th January 1888, on 12 miles open

	COACHING TRAFFIC		MERCHANTISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN-MILES RUN		
	Number of passengers	Carriage tickets	Weight carried	Receipts			Coaching	Merchandise	Total
Total traffic for the week Or per mile of railway For previous week of half year	2,441	Rs 10 0 10 4 10	Mds 20 1 20	Rs 401 7 0 33 7 3	Rs 7 0 0 0 9 4	Rs 814 1 0 70 5 5	345½	148	493½
Total for 1 week	2,441	Rs 11 10 0	Mds 20 5 10 0	Rs 401 7 0	Rs 7 0 0	Rs 814 1 0	345½	148	493½
COMPARISON									
Total for corresponding first 8 days of previous year	2,848	Rs 47 10 1	Mds 24 37 0	Rs 111 11 0	Rs 5 8 6	Rs 1,096 13 10	383	181	564
Per mile of railway for corresponding period of previous year		Rs 3 15 6		Rs 60 15 7	Rs 0 7 5	Rs 91 6 1			
Total for corresponding date of previous year	2,848	Rs 47 10 1	Mds 24 37 0	Rs 111 11 0	Rs 5 8 6	Rs 1,096 13 10	383	181	564

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 8 DAYS OF JANUARY 1887			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 8TH JANUARY 1887			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888			Total increase in 1888	Total decrease in 1888
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
12	Rs 1 07	Rs 91	12	Rs 844	Rs 70	12	Rs 50 237	Rs 70	12	Rs 30 937	Rs 70		2

SINDIA STATE RAILWAY

Approximate Return of Traffic for week ended 7th January 1888 on 74½ miles open

	COACHING TRAFFIC		MERCHANTISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN-MILES RUN		
	Number of passengers	Carriage tickets	Weight carried	Receipts			Coaching	Merchandise	Total
Total traffic for the week Or per mile of railway For previous week of half year	4,468	Rs 3 379 2 0 10 2 10	Mds 87 734 10	Rs 1 350 7 0 71 8 6	Rs 98 10 0 1 5 1	Rs 4 828 3 0 11 0 5	650	1,050½	2,000½
Total for 1 week	4,468	Rs 3 379 2 0	Mds 87 734 10	Rs 1 350 7 0	Rs 98 10 0	Rs 4 828 3 0	650	1,050½	2,000½
COMPARISON									
Total for corresponding first 8 days of previous year	5,827½	Rs 1 30 1 10	Mds 110 77 0	Rs 478 12 1	Rs 115 3 3	Rs 10 896 1 1	821	1,470	2,291
Per mile of railway for corresponding period of previous year		Rs 17 8		Rs 86 9 10	Rs 1 8 8	Rs 14 10 9			
Total for corresponding date of previous year	5,827½	Rs 1 30 1 10	Mds 110 77 0	Rs 478 12 1	Rs 115 3 3	Rs 10 896 1 1	821	1,470	2,291

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 8 DAYS OF JANUARY 1887			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 8TH JANUARY 1887			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888			Total increase in 1888	Total decrease in 1888
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
74½	Rs 10,806	Rs 146	74½	Rs 8,828	Rs 118	74½	Rs 2,97,630	Rs 90	74½	Rs 3,43,231	Rs 115	Rs 47,541	

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 7th January 1888, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,437	4,536 11 0	7,716 10	263 3 0	3 10 0	4,803 8 0	509	50	968
Or per mile of railway ...	.....	203 14 5	.....	11 13 2	0 2 7	215 14 2	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 1 week ...	17,437	4,536 11 0	7,716 10	263 3 0	3 10 0	4,803 8 0	909	50	968
COMPARISON.									
Total for corresponding first 8 days of previous year ...	17,873	4,388 3 7	7,120 20	283 10 0	3 14 0	4,675 11 7	1,082	40	1,122
Or per mile of railway corresponding period of previous year ...	.....	197 3 7	.....	12 12 0	0 2 9	210 2 4	.....	.....	.....
Total to corresponding date of previous year ...	17,873	4,388 3 7	7,120 20	283 10 0	3 14 0	4,675 11 7	1,082	40	1,122

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 8 DAYS OF JANUARY 1887.			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH JANUARY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888.			Total increase in 1888.	Total decrease in 1888.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
22½	4,676	210	22½	4,804	216	22½	1,81,378	201	22½	1,98,180	223	10,802	.....

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BEHAR SECTIONS).

Approximate Return of Traffic for week ended 31st December 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	(a) 148,498	68,514 0 0	8,19,921 0	1,44,511 0 0	28,409 0 0	2,11,131 0 0	17,939	31,616	50,655
Or per mile of railway ...	230	106 0 0	1,271 0	224 0 0	26 0 0†	356 0 0	.....	.....	.....
For previous 26 weeks of half-year ...	3,013,758	14,22,362 0 0	1,57,28,058 0	31,66,967 0 0	3,70,403 0 0	52,49,732 0 0*	518,828	630,562	1,149,390
Total for 26 weeks ...	3,102,251	14,90,876 0 0	1,65,47,979 0	36,01,478 0 0	3,98,812 0 0	54,91,166 0 0	637,867	662,178	1,300,045
COMPARISON.									
Total for corresponding six days of previous year ...	99,009	56,448 0 0	7,25,646 0	73,020 0 0	29,538 0 0	1,59,906 0 0	18,918	14,520	33,438
Per mile of railway corresponding period of previous year ...	163	93 0 0	1,197 0	122 0 0	.....	245 0 0	.....	.....	.....
Total to corresponding date of previous year ...	3,102,017	13,92,982 0 0	1,43,63,150 0	27,04,520 0 0	3,64,127 0 0	44,61,629 0 0	482,672	556,449	1,039,121

* Audited up to week ending 5th November 1887.

† Rs. 12,000 excluded from the calculation.

(a) 42,000 monthly tickets.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR LAST 8 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
606	1,159,908	204	645	2,41,454	374	606	63,05,070	267	615	72,86,780*	290	2,91,719	.....

* Audited up to week ending 5th November 1887.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	25,483*	9,855 0 0	41,000 0	4,600 0 0	313 0 0	11,768 0 0	3,501	1,709	5,210
Or per mile of railway	204	79 0 0	328 0	37 0 0	2 0 0	118 0 0	.....	.....	.....
For previous 25 weeks of half-year	618,481	2,08,679 0 0	11,02,326 0	1,03,908 0 0	2,737 0 0	3,15,324 0 0†	92,254	42,686	134,940
Total for 26 weeks	643,964	2,18,534 0 0	11,43,326 0	1,08,508 0 0	3,050 0 0	3,30,092 0 0	95,755	44,395	140,150
COMPARISON.									
Total for corresponding six days of previous year	16,476	8,450 0 0	17,580 0	1,080 0 0	1,614 0 0	11,154 0 0	3,642	936	4,578
Per mile of railway corresponding period of previous year	132	68 0 0	141 0	8 0 0	.....	76 0 0	.....	.....	.....
Total to corresponding date of previous year	601,083	2,08,649 0 0	5,19,929 0	30,281 0 0	5,592 0 0	2,53,432 0 0	1,03,465	33,803	137,268

* Audited up to week ending 5th November 1887.
† Including monthly tickets.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR LAST 6 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
125	11,154	89	125	14,708	118	125	4,28,990	88	125	4,95,127*	102	66,137	.....

* Audited up to week ending 5th November 1887.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 31st December 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	15,442	5,210 0 0	1,08,820 0	4,031 0 0	300 0 0	9,541 0 0	2,141	1,903	4,154
Or per mile of railway	180	61 0 0	1,265 0	47 0 0	3 0 0	111 0 0	.....	.....	.....
For previous 25 weeks of half-year	329,142	1,03,847 0 0	5,88,553 0	51,604 0 0	3,070 0 0	1,58,530 0 0	49,008	27,306	77,304
Total for 26 weeks	344,584	1,09,057 0 0	6,97,373 0	55,635 0 0	3,370 0 0	1,68,071 0 0	52,139	29,280	81,408
COMPARISON.									
Total for corresponding six days of previous year	12,150	4,140 0 0	84,228 0	1,482 0 0	264 0 0	5,886 0 0	2,214	643	2,863
Per mile of railway corresponding period of previous year	141	48 0 0	980 0	17 0 0	.....	68 0 0	.....	.....	.....
Total to corresponding date of previous year	280,638	91,634 0 0	4,47,388 0	29,601 0 0	8,278 0 0	1,28,913 0 0	48,350	18,754	67,113

* Audited up to week ending 5th November 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR LAST 6 DAYS OF DECEMBER 1886.			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
86	5,896	68	86	9,541	111	86	1,95,313	68	86	2,32,797*	69	37,484	.....

* Audited up to week ending 5th November 1887.

ASSAM-BEHAR STATE RAILWAY

(PURNIAH SECTION)

Approximate Return of Traffic for week ended 31st December 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers	Coaching receipts	Weight carried	Receipts.			Coaching.	Merchandise	Total.
		Rs. A P	Mds S	Rs A P	Rs A P	Rs A P			
Total traffic for the week	1819	83 0 0	13270 0	1,319 0 0	40 0 0	222 0 0	546	546	1,092
Or per mile of railway	47	2 0 0	340 0	34 0 0	1 0 0	17 0 0			
For previous 25 weeks of half year ..	72511	25785 0 0	112924 0	18111 0 0	800 0 0	4044 0 0	11144	13141	24285
Total for 26 weeks	74330	26618 0 0	1226194 0	19432 0 0	905 0 0	47385 0 0	11600	14110	25710
COMPARISON									
Total for corresponding week of previous year									
Or per mile of railway corresponding period of previous year									
Total to corresponding date of previous year									

FINANCIAL YEAR

Approximate Statement of gross receipts of the Assam Behar State Railway.

RECEIPTS FOR THE FIRST 8 DAYS OF DECEMBER 1886			RECEIPTS FOR WEEK ENDING 31ST DECEMBER 1887			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST DECEMBER 1886			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 31ST DECEMBER 1887			Total increase in 1887	Total decrease in 1887
Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
			30	222	17				39	87498	5	7 8	...

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 7th January 1888, on 27½ miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated)	Total earnings	TRAFFIC TRAIN MILES RUN.		
	Number of passengers	Coaching receipts	Weight carried.	Receipts			Coaching	Merchandise	Total
		Rs. A P	MDS S	Rs. A P	Rs. A P	Rs. A P			
Total traffic for the week	2,579	963 0 0	22,127 0	1,194 0 0	16 0 0	217 0 0			763
Or per mile of railway	95	35 5 0	812 0	43 15 0	0 9 0	79 11 0			...
For previous 25 weeks of half-year									
Total for 1 week	2,579	963 0 0	22,127 0	1,194 0 0	16 0 0	217 0 0			763
COMPARISON.									
Total for corresponding period of previous year	2,616½	919 1 0	10,929 0	1,023 11 0	12 2 0	1,000 14 9	81	468	1,049
Per mile of railway corresponding week of previous year	97	33 12 0	708 0	37 9 0	0 14 0	72 1 0			
Total to corresponding date of previous year	2,140½	919 1 0	20,922 0	1,023 11 0	12 2 0	1,000 14 9	81	468	1,049

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway

RECEIPTS FOR THE FIRST 8 DAYS OF JANUARY 1887.			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH JANUARY 1887			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 10TH JANUARY 1888			Total increase in 1887-88	Total decrease in 1887-88
Mean mileage worked	Receipts.	Per mile worked	Mean mileage worked.	Receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked	Mean mileage worked	Total receipts	Per mile worked		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,967	72	27½	2,173	80	27½	64,479	80	27½	70,171	65	5853	..

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 7th January 1888, on 259 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 259 miles open	34,871	12,664 0 0	1,91,624 0	18,020 0 0	4,012 0 0	31,696 0 0	5,801	6,848	12,649
Or per mile of railway	135	48 14 0	740 0	69 9 0	2 12 0	121 3 0*	.....	.....	.....
For previous weeks of half-year	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 1 week	34,871	12,664 0 0	1,91,624 0	18,020 0 0	4,012 0 0	31,696 0 0	5,801	6,848	12,649
COMPARISON.									
Total for corresponding period of previous year on 246 miles open	37,145	13,504 8 11	1,67,219 20	16,740 0 0	3,378 0 11	33,631 9 10	6,031	5,048	11,079
Per mile of railway corresponding week of previous year	151	54 14 0	680 0	68 1 0	1 3 0	124 2 0*	.....	.....	.....
Total to corresponding date of previous year	37,145	13,504 8 11	1,67,219 20	16,740 0 0	3,378 0 11	33,631 9 10	6,031	5,048	11,079

* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR THE FIRST 8 DAYS OF JANUARY 1887.			RECEIPTS FOR WEEK ENDING 7TH JANUARY 1888.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH JANUARY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH JANUARY 1888.			Total increase in 1887-88.	Total decrease in 1887-88.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
346	33,632	137	259	31,696	134	246	12,02,371	122	250*66	13,20,168	133	1,26,797	.....



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 25, 1888.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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January 1888			Week Return of Trade Receipts in Indian Railways

DISTRICT ROAD FUND.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT

GENERAL—ROAD WORKS.

Dated Calcutta, the 12th January 1888.

No. 123R.C.

READ—

Letter from the Accountant-General, Bengal, No. 883LE, dated 31st December 1887, submitting an abstract of the receipts and expenditure of the several District Road Committees in Bengal for the quarter ending the 30th September 1887.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the second quarter of the year 1887-88 be published in the *Calcutta Gazette* and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded to the Commissioners of the Rajshahye, Bhagulpore, Chittagong, and Chota Nagpore Divisions; to the Superintending Engineers of the Eastern and Western Circles; and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

Under-Secy. to the Govt. of Bengal,

P. W. Dept.

DISTRICT

Statement of Receipts of the several District Road

R E C E

DISTRICTS	Balance in treasury on 1st July 1887	PROVINCIAL RATES					Int res on air and of road cess	PUBLIC WORKS			IRRIGATION	MISCELL.	
		Cess on lands	Cess on mines and railways	Cess on houses	One per cent on land cess	Total		Ad tolls	Ferry tolls	Total		Rent of stairs and starting bungalows	Fees, fines and forfeitures
	Rs A P	Rs A P	Rs A P	Rs	Rs	Rs A P	Rs A P	Rs	Rs	Rs	Rs	Rs A P	Rs A P
Cess Districts													
Darjeeling	18,499 5 5	1,815 12 6	194 15 8			1,710 12 2	0 7 1					54 8 0	4 0 0
Hazaribagh	20,711 15 6	2,255 7 9	1,429 12 10			20,195 4 7	79 12 1					5 0 0	63 12 0
Lohardugga	98,480 4 0	225 3 11				98,705 3 11	1 10 9					7 15 6	
Maubhoom	25 2 4 5	5 645 14 5	2 375 12 3			8,001 10 8	295 5 8						
Total	1,14,408 13 4	9,942 6 7	3,920 8 9			1,28,274 15 4	385 4 2					783 7 6	67 12 0
ON CESS DISTRICTS													
Chittagong Hill Tracts	8,521 11 0											66 8 0	5 8 0
Sonthal Pergunnahs	21,794 1 10												
Singbhoom	9,992 4 8												
Total	49,215 1 6											66 8 0	5 8 0
GRAND TOTAL	1,62,623 14 10	9,942 6 7	3,920 8 9			1,38,274 15 4	385 4 2					840 15 6	73 4 0

E X P E

DISTRICTS	REVENUE			PROVINCIAL RATES	ADMINISTRATION			STATISTICAL	PUBLIC WORKS					
	Cess	Other receipts	Total		Establishment and contingencies of office of collection	Establishment and contingencies of office of collection	Percentage of establishment of a unit in collection		Statistical and printing	Original works	Repairs	Establishment	Tools and plant	Toll and ferry establishment and contingencies
	Rs	Rs	Rs	Rs A P	Rs A P	Rs	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs
Cess Districts														
Darjeeling				203 14 0	804 19 6		904 13 6	21 0 7	2,214 4 3	5,110 1 2	992 2 0			
Hazaribagh				2 8 8 0	270 7 6		272 7 6	58 10 10	4, 1 0	6,009 7 0	2,046 3 0			18 14 0
Lohardugga				50 14 11	118 9 1		118 9 1	177 15 4	1 12 9	9,234 10 4	2,185 4 0			56 9 0
Maubhoom				379 12 0	400 10 5		400 10 5	25 9 0	881 1 2	10,047 14 8	1,552 7 7			53 2 8
Total				1,388 0 11	1,103 8 8		1,103 8 8	283 3 9	8,162 1 2	31,062 2 4	6,710 0 7			148 9 9
ON CESS DISTRICTS														
Chittagong Hill Tracts					9 15 6		9 15 6	70 4 2	4,437 14 8	4,405 9 9	1,040 18 0			21 13 6
Sonthal Pergunnahs					267 2 0		267 2 0		1,741 15 9	7,642 12 9	1,389 6 4			5 10 0
Singbhoom					99 14 0		99 14 0		335 7 0	1,885 0 9	400 8 9			10 1 0
Total					376 15 6		376 15 6	70 4 2	6,515 5 5	14,029 7 8	2,830 7 1			37 9 6
GRAND TOTAL				1,388 0 11	1,480 8 2		1,480 8 2	353 7 11	9,677 6 7	45,084 0 7	9,546 7 8			186 3 8

FORT WILLIAM,

The 8th December 1887.

AD FUND.

Committees for the second quarter of the year 1887-88 ending 30th September 1887

Rs

Particulars	Total	Grant from Government	EXPENSE ACCOUNT			Total receipts	Balance of imprest in hands of Agents and others decreased	Balance of unexpended cheques increased	Total receipts in India balance	Outlay	Balance in Treasury on 30th September 1887
			Advances	Deposits	Total						
Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P
0 12 0	0 12 0	820 8 3	800 0 0		2 800 0 0	5 072 7 8		575 13 7	83 657 10 6	9 974 9 9	13 689 7 9
37 1 10	95 9 10	250 0 0	808 13 0	421 0 0	1 9 13 0	5 440 7 11		714 0 0	8 7 9 7 5	10 14 1	25 055 3 10
5 7 6	74 3 6	450 0 0	18 0 0	35 0 0	85 0 0	81 2 2	50 0 0	1 070 12 8	40 13 10	1 25 6 10	17 547 12 0
361 14 3	1,087 13 9	450 0 0	834 12 4	35 0 0	684 12 4	10 310 10 5	11 15 6		98, 85 14 4	14 025 11 6	24 60 2 11
407 3 7	1,258 7 1	1 270 8 1	1 401 9 4	801 0 0	4 707 9 4	21 574 12 2	61 15 6	2 180 10 1	1 38 206 3 1	47 33 8 7	80,406 10 6
819 9 1	3,819 9 1	5 000 0 0		1,048 0 0	1 048 0 0	10 467 9 1		2 163 12 6	21 072 0 7	10 076 6 7	10 975 10 0
10 8 0	82 8 0		1 721 4 0		1 721 4 0	1 808 12 0		81 2 6	31 081 0 4	14 210 0 4	17 174 0 0
			136 10 0		136 10 0	36 10 0			10 255 14 8	3 887 11 6	6 550 3 2
3 530 1 1	3,902 1 1	5 000 0 0	2,002 14 0	1,448 0 0	3,710 14 0	12 112 1 1		2 163 15 0	62 171 15 7	28 172 2 5	34 700 13 2
4 237 4 8	5,160 8 2	6,270 8 1	6 04 7 4	2 454 0 0	8 708 7 4	34 187 11 3	61 15 6	4 304 9 1	2 01 178 2 8	75,011 11 0	12 006 7 8

TABLE.

Particulars	Total.	Irrigation	MISCELLANEOUS				Contribution to Provincial Government	EXPENSE ACCOUNT			Total expenditure	Balance of imprest in hands of Agents and others decreased	Balance of unexpended cheques decreased	Total outlay
			Staging, baggage, establishment and contingencies	Staging, baggage, petty construction and repairs	Miscellaneous	Total		Advances	Deposits	Total				
Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P	Rs A P
8 250 6 5								1 128 0 3		1 128 0 3	9 974 2 9			9 974 2 9
8 709 9 3			27 0 0			27 0 0		800 0 0	911 0 0	1 111 0 0	10 614 3 7			10 614 3 7
11 698 4 6			40 8 0	92 4 10	32 14 0	174 10 10		50 0 0	100 0 0	1 10 0 0	1 82 6 10			1 825 6 10
12,358 9 8				262 15 10		262 15 10		395 2 6	200 0 0	595 2 6	13 025 11 6			14 025 11 6
41,112 13 16			76 8 0	355 1 8	32 14 0	464 10 8		2,376 2 9	611 0 0	2,987 2 9	47 330 8 7			47,330 8 7
8,098 2 11														
10 778 12 10			240 10 0	134 8 0		345 2 0		2,768 13 8	50 0 0	2,818 13 8	10 076 6 7			10 076 6 7
2,630 13 6								1,155 0 0		1 155 0 0	14 210 0 4			14 210 0 4
											3 887 11 6			3,887 11 6
23,405 13 3			240 10 0	104 8 0		345 2 0		3,088 15 6	50 0 0	3,073 15 6	28 172 2 5			28 172 2 5
64,518 11 1			317 8 0	469 13 8	32 14 0	809 12 8		6,390 2 2	661 0 0	6,961 2 2	75,511 11 0			75,511 11 0

J. F. FINLAY,

Offg. Accountant-General, Bengal.

CURTAILMENT OF ANNUAL REPORTS.

REVENUE DEPARTMENT—MISCELLANEOUS

Calcutta, the 17th January 1888

RESOLUTION.

READ—

- (1) The Government of India's Resolution in the Home Department, No 37—1392-406, dated 12th August 1885.
- (2) Bengal Government Resolution, dated 25th October 1886.
- (3) Chapter V of the Report of the Salaries Commission of 1885-86
- (4) Home Department Resolution, dated 15th July 1887
- (5) Finance and Commerce Department Resolution, dated 23rd August 1887.
- (6) Revenue and Agricultural Department Resolution, No. 52G-69-6, dated 14th September 1887.

In the Resolution first named above, the Government of India asked for an expression of the opinions of Local Governments upon proposals made by the Government of the Punjab for the abolition of certain annual reports and reviews of administration. The view adopted by the late Lieutenant-Governor, after consultation with the Salaries Commission, the Board of Revenue, Heads of Departments, Commissioners of Divisions, and Collectors of Districts, was embodied in a Resolution, dated 25th October 1886. The orders of the Government of India in its various Departments upon the subject have been received in the papers numbered (4), (5), and (6) in the preamble to this Resolution, copies of which, together with copy of Bengal Government Resolution of 25th October 1886, are appended for facility of reference. The general conclusion arrived at is that annual reports can be only slightly reduced in number, but that they should be curtailed in length to the utmost extent which is consistent with a proper examination of the facts and figures presented in them.

2. Sir Stuart Bayley now desires to impress very strongly on all officers who submit annual reports, including those not in direct communication with Government, the necessity of studying conciseness. The object aimed at in the preparation of these reports should be to convey the greatest amount of information in the fewest words possible. For the last sixteen years the tendency has been to increase the bulk of reports, and the idea that they will be saved by much writing seems to have become the guiding principle of some subordinate officers. It is essential that this belief should be eradicated, and the Lieutenant-Governor hopes that all Heads of Departments will discourage its manifestation. The practice noticed by the Salaries Commission of weaving into sentences figures already given in tabular statements is but one of the methods by which the bulk of reports is increased without any addition to their value.

3. The Lieutenant-Governor notices that many officers frame a considerable part of their reports by stringing together extracts from the reports of their subordinates, when these might with great advantage have been summarised. The introduction of unnecessary contentious matter in annual reports should always be avoided. It is also to be remembered that these reports are not the proper medium for submitting definite proposals, which should form the subject of separate communications.

4. Separate instructions will be issued to officers submitting reports to Government where such are necessary to supplement the orders of the Government of India, or to indicate how superfluous matter can be excluded.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Government of Bengal.

Dated Darjeeling, the 25th October 1886.

RESOLUTION—By the Government of Bengal, Revenue Department.

READ—

Home Department Resolution No. 37—1392-406, dated the 12th August 1885, regarding the curtailment of annual reports.

Report of the Salaries Commission, dated the 10th December 1885.

The Reports of the Board of Revenue, the several Heads of Departments, the Commissioners of Divisions, and other officers.

In a Resolution recorded in the Home Department on the 12th August 1885, the Government of India requested all Local Governments to submit their views on a proposal made by the Lieutenant-Governor of the Punjab to substitute in many cases triennial for annual reports, and to have statistical returns, with or without explanatory notices, for the intervening years. Sir Rivers Thompson considered that the opportunity should be taken to reconsider in detail all existing orders requiring the preparation of periodical reports under the Bengal Government, in order to the retrenchment of whatever might be found to be superfluous. The correspondence was, therefore, forwarded for examination to the Salaries Commission, and the report of that body, when obtained, was circulated to the Board of Revenue, to the Heads of Departments, to Commissioners of Divisions, and to Collectors of Districts, for the expression of their opinions. The replies of these officers were then considered by the Lieutenant-Governor at a conference of the Secretaries of the different Departments. This procedure has occupied a considerable time, but its adoption appeared desirable in dealing with a question which affects every branch of the administration.

2. The inconvenience of adding to the burden of administration by requiring the submission of unnecessary reports can be felt in no part of India more strongly than in Bengal, where officials of all classes have to economise their time with the utmost care in order to meet the varied and growing requirements of an enormous population. On the other hand, the extent of the country, the diversity of the conditions of the provinces in which it consists, the comparatively complex form of administration, and the interest taken in public affairs by a considerable section of the community, add weight to the considerations elsewhere advanced in favour of the annual preparation and publication of really important reports. The Government of India has pointed out that such reports are useful as presenting evidence of departmental efficiency, as embodying necessary information in a convenient form, as the source from which all officers collect for their guidance the results of the experience of their predecessors, and as salutary checks upon the conduct of responsible officials. In Bengal an influential section of the public looks to the publication of these reports as the means for acquiring a knowledge of the acts of Government, and would resent any serious diminution in the information given. It has been pointed out by some very experienced officers that the preparation of these periodical statements has a less obvious advantage as regards their authors. The Board of Revenue observe "The preparation of annual reports not only ensures that the reporting officer shall review his own administration, but it guarantees, as far as it is possible to do so, that he shall have familiarised himself with its details and acquired a proper knowledge of his work. In the absence of annual reports, officers may be tempted to slur over and neglect their work. Even the most vigorous and conscientious of officials are benefited by the practice of reviewing the past, and of summarising in writing the action taken by themselves and their subordinates during the previous twelve months. The value of such a report to the officer who writes it is always great." Mr. Harrison, Commissioner of the Calcutta Police, declares in the same spirit that the report draws the attention of the reviewing officer to much which he would otherwise overlook; and Mr. A. Smith, the Commissioner of the Presidency Division, considers it "a very distinct assistance to administrative efficiency that an executive officer should be compelled once a year to examine the results of the work in all departments, and to ascertain and explain differences exhibited as compared with preceding periods, and facts which appear anomalous." It appears, indeed, to be obviously desirable that the Head of a Department should once a year take stock, examining the results of his administration, and submitting an account of it for the judgment of the authority to which he is subordinate. This work is in no case more necessary than in that of the Divisional or District Officer, who, on account of the multiplicity of his avocations and their pressing character, may be liable to overlook the general effect of his administration upon each department.

3. A considerable reduction may be effected in the bulk of annual reports by the study of conciseness, by the exclusion of all extraneous matter, and in particular by the avoidance of the practice to which attention has been drawn by the Salaries Commission, that of weaving into sentences figures which are also given in tabular statements. In the annexed statement of detailed proposals the Lieutenant-Governor is able to recommend the amalgamation of some reports, as it is believed that where there is little to be said, the effect of requiring a separate report is sometimes to encourage prolixity. As to other reports a definite suggestion is made for their curtailment, and the manner in which this can advantageously be effected will be separately indicated to the officers concerned.

4. The system of triennial reports has not as yet been tried in Bengal, and considerable doubts are felt as to whether it can be applied with advantage to any of the more important branches of administration. There are, however, some subjects, as the Registration of Assurances, Stamps, Dispensaries and Vaccination, as to which experience seems to indicate that annual reports are comparatively of small importance. In these cases it is